

## Recombinant Human TBL1XR1 Protein, His-tagged

**Cat. No.** TBL1XR1-424H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human TBL1XR1 fused with His tag at N-terminal was expressed in E. coli.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Description</b>      | <p>This gene is a member of the WD40 repeat-containing gene family and shares sequence similarity with transducin (beta)-like 1X-linked (TBL1X). The protein encoded by this gene is thought to be a component of both nuclear receptor corepressor (N-CoR) and histone deacetylase 3 (HDAC 3) complexes, and is required for transcriptional activation by a variety of transcription factors. Mutations in these gene have been associated with some autism spectrum disorders, and one finding suggests that haploinsufficiency of this gene may be a cause of intellectual disability with dysmorphism. Mutations in this gene as well as recurrent translocations involving this gene have also been observed in some tumors.</p> |
| <b>Form</b>             | 25mM Tris, pH8.0, 150mM NaCl, 10% glycerol, 1 % Sarkosyl.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Molecular Mass</b>   | 55.4 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Concentration</b>    | >50 ug/mL as determined by microplate BCA method                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |

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## GENE INFORMATION

|                        |                                                                                                                                                                                                                                                                                                                                                                          |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | TBL1XR1 transducin (beta)-like 1 X-linked receptor 1 [ Homo sapiens ]                                                                                                                                                                                                                                                                                                    |
| <b>Official Symbol</b> | <a href="#">TBL1XR1</a>                                                                                                                                                                                                                                                                                                                                                  |
| <b>Synonyms</b>        | TBL1XR1; transducin (beta)-like 1 X-linked receptor 1; transducin (beta) like 1X linked receptor 1; F-box-like/WD repeat-containing protein TBL1XR1; C21; DC42; FLJ12894; IRA1; TBLR1; TBL1-related protein 1; transducin beta-like 1X-related protein 1; nuclear receptor co-repressor/HDAC3 complex subunit; nuclear receptor corepressor/HDAC3 complex subunit TBLR1; |
| <b>Gene ID</b>         | <a href="#">79718</a>                                                                                                                                                                                                                                                                                                                                                    |
| <b>mRNA Refseq</b>     | <a href="#">NM_024665</a>                                                                                                                                                                                                                                                                                                                                                |
| <b>Protein Refseq</b>  | <a href="#">NP_078941</a>                                                                                                                                                                                                                                                                                                                                                |
| <b>MIM</b>             | <a href="#">608628</a>                                                                                                                                                                                                                                                                                                                                                   |
| <b>UniProt ID</b>      | <a href="#">Q9BZK7</a>                                                                                                                                                                                                                                                                                                                                                   |

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