

## Recombinant Human TXLNA Protein, His-tagged

**Cat. No.** TXLNA-514H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                              |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human TXLNA Protein (Lys328-Glu531) with N-His tag was expressed in E. coli.                                                                                                                                                                                                                                                     |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                        |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                       |
| <b>ProteinLength</b>    | Lys328-Glu531                                                                                                                                                                                                                                                                                                                                |
| <b>Description</b>      | Predicted to enable syntaxin binding activity. Predicted to be involved in exocytosis. Predicted to act upstream of or within B cell activation. Located in cytoplasm.                                                                                                                                                                       |
| <b>Form</b>             | Freeze-dried powder                                                                                                                                                                                                                                                                                                                          |
| <b>Molecular Mass</b>   | Predicted Molecular Mass: 27.4 kDa<br>Accurate Molecular Mass: 33 kDa                                                                                                                                                                                                                                                                        |
| <b>Purity</b>           | > 97%                                                                                                                                                                                                                                                                                                                                        |
| <b>Applications</b>     | Cell culture; Activity Assays.                                                                                                                                                                                                                                                                                                               |
| <b>Stability</b>        | The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition. |

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|                       |                                                                                                                              |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------|
| <b>Storage</b>        | Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months. |
| <b>Storage Buffer</b> | 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.                          |
| <b>Reconstitution</b> | Reconstitute in sterile water to a concentration of 0.1-1.0 mg/mL. Do not vortex.                                            |

## GENE INFORMATION

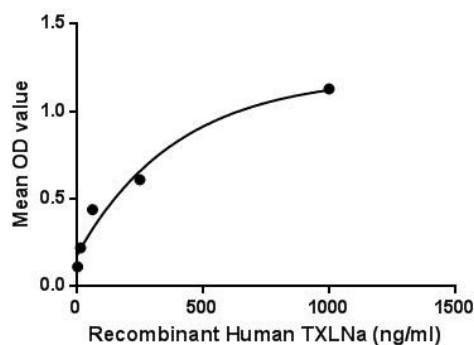
|                        |                                                                                                                   |
|------------------------|-------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | TXLNA taxilin alpha [ Homo sapiens (human) ]                                                                      |
| <b>Official Symbol</b> | TXLNA                                                                                                             |
| <b>Synonyms</b>        | TXLNA; taxilin alpha; alpha-taxilin; DKFZp451J0118; interleukin 14; IL14; TXLN; RP4-622L5.4; MGC118870; MGC118871 |
| <b>Gene ID</b>         | 200081                                                                                                            |
| <b>mRNA Refseq</b>     | NM_175852                                                                                                         |
| <b>Protein Refseq</b>  | NP_787048                                                                                                         |
| <b>MIM</b>             | 608676                                                                                                            |
| <b>UniProt ID</b>      | P40222                                                                                                            |

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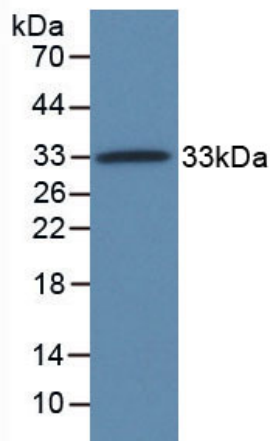
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## Binding activity



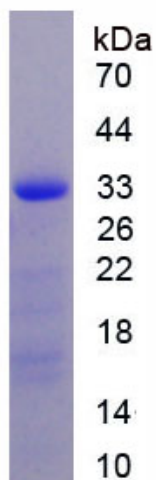
## WB



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