

## Recombinant Human ROBO3 protein, His-tagged

**Cat. No.** ROBO3-4596H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human ROBO3 protein(Q96MS0)(64-531 aa), fused with C-terminal His tag, was expressed in E.coli.                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>ProteinLength</b>    | 64-531 aa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Form</b>             | For liquid formulations, the standard storage buffer consists of a Tris or PBS based solution supplemented with 5-50% glycerol. When provided as lyophilized powder, the product undergoes freeze-drying from a Tris- or PBS-based formulation containing 6% trehalose, adjusted to pH 8.0 prior to the lyophilization process.                                                                                                                                                                                       |
| <b>Molecular Mass</b>   | 57.7 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>AASequence</b>       | PRIVEQPPDLLVSRGEPATLPCRAEGRPRPNIEWYKNGARVATVREDPRAHRLLLPS<br>GALFFPRIVHGRRARPDEGVYTCVARNYLGAAASRNASLEVAVLRDDFRQSPGNVV<br>VAVGEPAVLECVPPRGHPEPSVSWRKDGARLKEEEGRITIRGGKLMMSHTLKSDAG<br>MYVCVASNMAGERESAAAEVMVLERPSFLRRPVNQVVLADAPVTFLCEVKGDPPP<br>RLRWRKEDGELPTGRYEIRSDHSLWIGHVSAEDEGTYTCVAENSVGRAEASGSLSV<br>HVPPQLVTQPQDQMAAPGESVAFQCETKGNPPPAIFWQKEGSQVLLFPSQSLQPT<br>GRFSVSPRGQLNITAVQRGDAGYYVCQAVSVAGSILAKALLEIKGASLDGLPPVILQG<br>PANQTLVLGSSVWLPCRVTGNPQPSVRWKKDGQWLQGDDLQFKTMANGTLYIANV<br>QEMDMGFYSCVAKSSSTGEAT |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

|                       |                                                                                                                                    |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------------|
| <b>Purity</b>         | Greater than 85% as determined by SDS-PAGE.                                                                                        |
| <b>Storage</b>        | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.                     |
| <b>Reconstitution</b> | Please reconstitute protein indeionized sterile water to a concentration of 0.1-1.0 mg/mL. Aliquot for long-term storage at -80°C. |

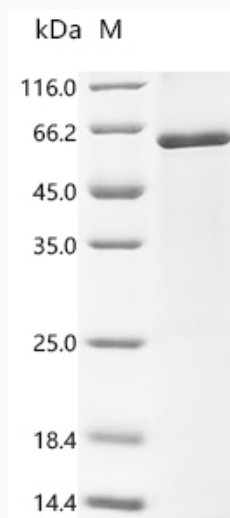
## GENE INFORMATION

|                        |                                                                                                                                                                                                                                                                                                                |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | ROBO3 roundabout, axon guidance receptor, homolog 3 (Drosophila) [ Homo sapiens ]                                                                                                                                                                                                                              |
| <b>Official Symbol</b> | ROBO3                                                                                                                                                                                                                                                                                                          |
| <b>Synonyms</b>        | ROBO3; roundabout, axon guidance receptor, homolog 3 (Drosophila); HGPPS, horizontal gaze palsy with progressive scoliosis , roundabout (axon guidance receptor, Drosophila) homolog 3; roundabout homolog 3; FLJ21044; HGPS; RBIG1; roundabout-like protein 3; retinoblastoma inhibiting gene 1; RIG1; HGPPS; |
| <b>Gene ID</b>         | 64221                                                                                                                                                                                                                                                                                                          |
| <b>mRNA Refseq</b>     | NM_022370                                                                                                                                                                                                                                                                                                      |
| <b>Protein Refseq</b>  | NP_071765                                                                                                                                                                                                                                                                                                      |
| <b>MIM</b>             | 608630                                                                                                                                                                                                                                                                                                         |
| <b>UniProt ID</b>      | Q96MS0                                                                                                                                                                                                                                                                                                         |

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

**SDS-PAGE**

Tel: 1-631-559-9269 1-516-512-3133

Email: [info@creative-biomart.com](mailto:info@creative-biomart.com) Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA