

## Product datasheet for **TP762246**

### **ROBO4 (NM\_019055) Human Recombinant Protein**

#### **Product data:**

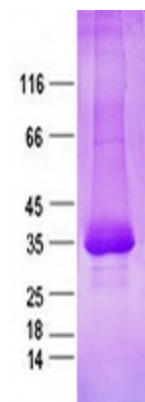
|  |   |
|--|---|
| <b>Product Type:</b>                         | Recombinant Proteins  |
| <b>Description:</b>                          | Purified recombinant protein of Human roundabout homolog 4, magic roundabout (Drosophila) (ROBO4), Pro32-Arg331, with N-terminal His tag, expressed in E.coli, 50ug   |
| <b>Species:</b>                              | Human   |
| <b>Expression Host:</b>                      | E. coli   |
| <b>Expression cDNA Clone or AA Sequence:</b> | A DNA sequence encoding the region(Pro32-Arg331) of ROBO4   |
| <b>Tag:</b>                                  | N-His   |
| <b>Predicted MW:</b>                         | 32.4 kDa  |
| <b>Concentration:</b>                        | >0.05 µg/µL as determined by microplate BCA method  |
| <b>Purity:</b>                               | > 80% as determined by SDS-PAGE and Coomassie blue staining   |
| <b>Buffer:</b>                               | 50 mM Tris-HCl, pH 8.0, 8 M urea  |
| <b>Note:</b>                                 | For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.  |
| <b>Storage:</b>                              | Store at -80°C.   |
| <b>Stability:</b>                            | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.   |
| <b>RefSeq:</b>                               | <a href="#">NP_061928</a>   |
| <b>Locus ID:</b>                             | 54538   |
| <b>UniProt ID:</b>                           | <a href="#">Q8WZ75</a>  |
| <b>RefSeq Size:</b>                          | 3872  |
| <b>Cytogenetics:</b>                         | 11q24.2   |
| <b>RefSeq ORF:</b>                           | 3021  |
| <b>Synonyms:</b>                             | AOVD3; ECSM4; MRB   |
| <b>Summary:</b>                              | Receptor for Slit proteins, at least for SLIT2, and seems to be involved in angiogenesis and vascular patterning. May mediate the inhibition of primary endothelial cell migration by Slit proteins (By similarity).[UniProtKB/Swiss-Prot Function] |



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Protein Families: Druggable Genome

### Product images:



Purified recombinant protein ROBO4 was analyzed by SDS-PAGE gel and Coomassie Blue Staining.