

## Product datasheet for **TP700152**

### Eph receptor B6 (EPHB6) (NM\_004445) Human Recombinant Protein

#### Product data:

|                                       |  |
|---------------------------------------|--|
| Product Type:                         | Recombinant Proteins   |
| Description:                          | Purified recombinant protein of human EPH receptor B3 (EPHB6), with C-terminal DDK/His tag, expressed in human cells, 20 µg                          |
| Species:                              | Human  |
| Expression Host:                      | HEK293T  |
| Expression cDNA Clone or AA Sequence: | A DNA sequence from TrueORF clone, RC600052, encoding the region (Leu32 – Leu594) of human EPHB6   |
| Tag:                                  | C-DDK/His  |
| Predicted MW:                         | 63 kDa   |
| Concentration:                        | >0.05 µg/µL as determined by microplate BCA method   |
| Purity:                               | > 80% as determined by SDS-PAGE and Coomassie blue staining  |
| Buffer:                               | PBS, pH 7.4, 10% glycerol  |
| Note:                                 | For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process. |
| Storage:                              | Store at -80°C.  |
| Stability:                            | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.        |
| RefSeq:                               | <a href="#">NP_004436</a>  |
| Locus ID:                             | 2051   |
| UniProt ID:                           | <a href="#">O15197</a> , <a href="#">F8WCM8</a>  |
| RefSeq Size:                          | 3449   |
| Cytogenetics:                         | 7q34   |
| RefSeq ORF:                           | 1782   |
| Synonyms:                             | HEP  |



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**Summary:**

This gene encodes a member of a family of transmembrane proteins that function as receptors for ephrin-B family proteins. Unlike other members of this family, the encoded protein does not contain a functional kinase domain. Activity of this protein can influence cell adhesion and migration. Expression of this gene is downregulated during tumor progression, suggesting that the protein may suppress tumor invasion and metastasis. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2013]

**Protein Families:**

Druggable Genome, Protein Kinase, Transmembrane

**Protein Pathways:**

Axon guidance

**Product images:**