

# Active Recombinant Human EPHB3 protein, His-tagged, Low Endotoxin

**Cat. No.** EPHB3-563H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                             |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human EPHB3 protein(P54753)(Gly34-Leu559), fused with C-terminal His tag, was expressed in HEK293.                                                              |
| <b>Species</b>          | Human                                                                                                                                                                       |
| <b>Source</b>           | HEK293                                                                                                                                                                      |
| <b>ProteinLength</b>    | 34-559 aa                                                                                                                                                                   |
| <b>Form</b>             | Lyophilized from 0.22µm filtered solution in 20mM Tris, 150mM NaCl (pH 7.5). Normally 8% trehalose is added as protectant before lyophilization.                            |
| <b>Bio-activity</b>     | Immobilized Human EphB3, His Tag at 0.5µg/ml (100µl/well) on the plate. Dose response curve for Anti-EphB3 Antibody, hFc Tag with the EC50 of 2.1ng/ml determined by ELISA. |
| <b>Molecular Mass</b>   | The protein has a predicted MW of 58.6 kDa. Due to glycosylation, the protein migrates to 65-68 kDa based on Bis-Tris PAGE result.                                          |
| <b>Endotoxin</b>        | Less than 0.01 EU per µg by the LAL method.                                                                                                                                 |
| <b>Purity</b>           | > 95% as determined by Bis-Tris PAGE; > 95% as determined by HPLC                                                                                                           |
| <b>Storage</b>          | Store at -20 to -80°C for 24 months as supplied from date of receipt. -80°C for 3                                                                                           |

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months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

**Reconstitution** Dissolve the lyophilized protein in distilled water.

## GENE INFORMATION

**Gene Name** [EPHB3 EPH receptor B3 \[ Homo sapiens \]](#)

**Official Symbol** [EPHB3](#)

**Synonyms** EPHB3; EPH receptor B3; EphB3, ETK2; ephrin type-B receptor 3; Hek2; Tyro6; EK2; EPH-like kinase 2; embryonic kinase 2; human embryo kinase 2; EPH-like tyrosine kinase 2; EPH-like tyrosine kinase-2; tyrosine-protein kinase TYRO6; ETK2; HEK2; TYRO6;

**Gene ID** [2049](#)

**mRNA Refseq** [NM\\_004443](#)

**Protein Refseq** [NP\\_004434](#)

**MIM** [601839](#)

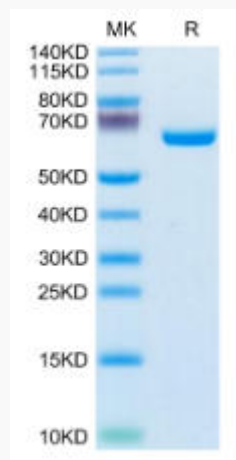
**UniProt ID** [P54753](#)

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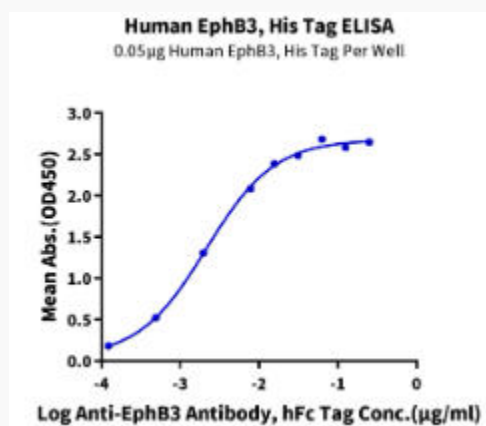
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## Bis-Tris PAGE



## ELISA Data



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