

# Active Recombinant Human EPHB2 Protein, GST-tagged

**Cat. No.** EPHB2-0990H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                   |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Active Recombinant Human EPHB2 Protein(P29323)(Leu581-Gly1055) is expressed with in Insect Cells, fused with a N-terminal GST tag.                                                                                                                                                |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                             |
| <b>Source</b>           | Insect Cells                                                                                                                                                                                                                                                                      |
| <b>ProteinLength</b>    | 581-1055 aa                                                                                                                                                                                                                                                                       |
| <b>Form</b>             | Supplied as a 0.22 µm filtered solution in 50 mM Tris-HCl, 150 mM NaCl, 5% glycerol, 5 mM DTT, 0.1M Trehalose. (pH 7.5). Contact us for customized product form or formulation.                                                                                                   |
| <b>Bio-activity</b>     | The activity of EPHB2 is based on the MSA technology, and the content and ratio of the substrate and the product are directly separated and detected in real time and dynamically by the different migration rates of the substrate and the product after the enzymatic reaction. |
| <b>Molecular Mass</b>   | 80.2 kDa                                                                                                                                                                                                                                                                          |
| <b>Endotoxin</b>        | < 1 EU/µg of the protein by LAL method.                                                                                                                                                                                                                                           |
| <b>Purity</b>           | ≥ 90 % as determined by SDS-PAGE; ≥ 90 % as determined by HPLC.                                                                                                                                                                                                                   |
| <b>Storage</b>          | Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot                                                                                                                                                                                               |

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the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

**Concentration**

0.1-1.0 mg/mL. Centrifuge the vial at 4°C before opening to recover the entire contents.

## GENE INFORMATION

**Gene Name**

EPHB2 EPH receptor B2 [ Homo sapiens ]

**Official Symbol**

EPHB2

**Synonyms**

EPHB2; EPH receptor B2; DRT, EphB2 , EPHT3, ERK; ephrin type-B receptor 2; Hek5; Tyro5; EPH-like kinase 5; eph tyrosine kinase 3; elk-related tyrosine kinase; protein-tyrosine kinase HEK5; tyrosine-protein kinase TYRO5; renal carcinoma antigen NY-REN-47; tyrosine-protein kinase receptor EPH-3; developmentally-regulated Eph-related tyrosine kinase; DRT; EK5; ERK; CAPB; PCBC; EPHT3; MGC87492;

**Gene ID**

2048

**mRNA Refseq**

NM\_004442

**Protein Refseq**

NP\_004433

**MIM**

600997

**UniProt ID**

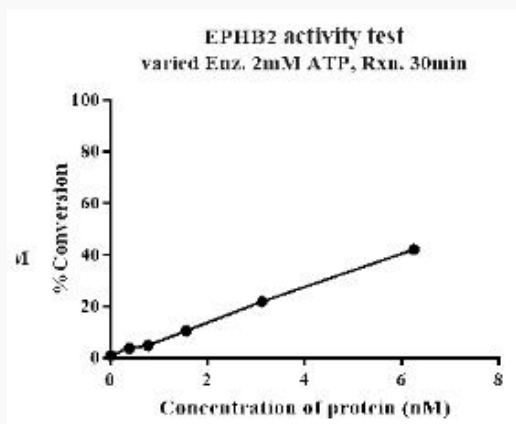
P29323

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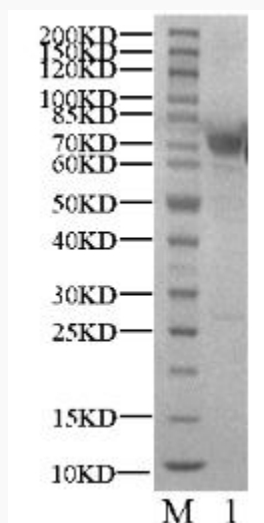
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## Activity



## SDS-PAGE



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