

## Active Recombinant Human EPHA7 protein, His-tagged

**Cat. No.** EPHA7-3089H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                         |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Active Recombinant Human EPHA7 protein(NP_004431.1)(Gln28-Val555) is expressed from HEK293 with His tag at the C-Terminus.                                                                                              |
| <b>Species</b>          | Human                                                                                                                                                                                                                   |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                  |
| <b>ProteinLength</b>    | 28-555 aa                                                                                                                                                                                                               |
| <b>Form</b>             | Lyophilized from 0.22µm filtered solution in PBS (pH 7.4).                                                                                                                                                              |
| <b>Bio-activity</b>     | Immobilized Human EphA7, His Tag at 2µg/ml (100µl/Well) on the plate. Dose response curve for Human Ephrin-A4, hFc Tag with the EC50 of 2.9ng/ml determined by ELISA.                                                   |
| <b>Molecular Mass</b>   | The protein has a predicted MW of 60.13 kDa. Due to glycosylation, the protein migrates to 65-70 kDa based on Bis-Tris PAGE result.                                                                                     |
| <b>Endotoxin</b>        | Less than 1 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>          | -20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles. |

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

## GENE INFORMATION

**Gene Name**      [EPHA7 EPH receptor A7 \[ Homo sapiens \]](#)

**Official Symbol**      [EPHA7](#)

**Synonyms**      EPHA7; EPH receptor A7; EphA7; ephrin type-A receptor 7; Hek11; EK11; EHK-3; EPH-like kinase 11; EPH homology kinase 3; Eph homology kinase-3; receptor protein-tyrosine kinase HEK11; tyrosine-protein kinase receptor EHK-3; EHK3; HEK11;

**Gene ID**      [2045](#)

**mRNA Refseq**      [NM\\_004440](#)

**Protein Refseq**      [NP\\_004431](#)

**MIM**      [602190](#)

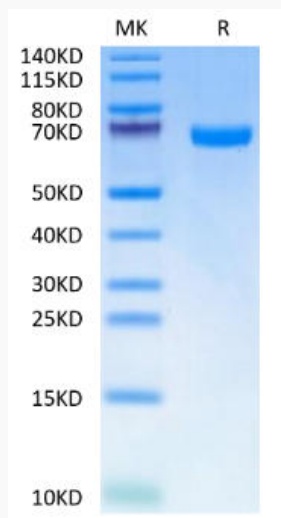
**UniProt ID**      [Q15375](#)

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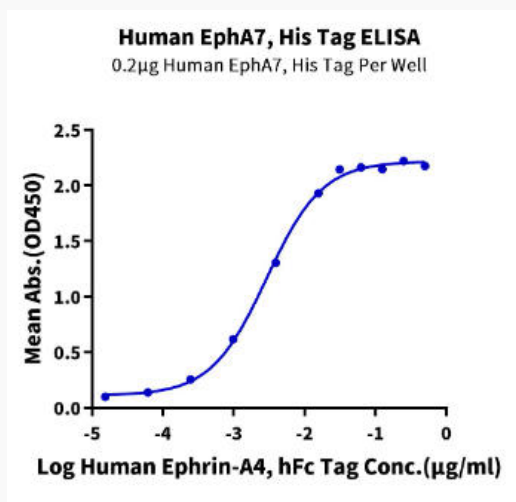
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## Bis-Tris PAGE



## ELISA Data



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