

Product datasheet for **TP724206**

Human EPHA4 Protein, His Tag

Product data:

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| Product Type: | Recombinant Proteins |
| Description: | Human EPHA4 Protein, His Tag |
| Expression Host: | HEK293 |
| Tag: | C-6×His |
| Predicted MW: | The protein has a predicted molecular mass of 59.2 kDa after removal of the signal peptide. The apparent molecular mass of EPHA4-His is approximately 55-70 kDa due to glycosylation. |
| Purity: | The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining. |
| Reconstitution Method: | Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. |
| Storage: | Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature. |
| Stability: | 12 months from date of despatch |
| Summary: | This gene belongs to the ephrin receptor subfamily of the protein-tyrosine kinase family. EPH and EPH-related receptors have been implicated in mediating developmental events, particularly in the nervous system. Receptors in the EPH subfamily typically have a single kinase domain and an extracellular region containing a Cys-rich domain and 2 fibronectin type III repeats. The ephrin receptors are divided into 2 groups based on the similarity of their extracellular domain sequences and their affinities for binding ephrin-A and ephrin-B ligands. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jan 2015] |



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