

Product Name: Recombinant Human EphA4
Catalog #: PHH0578

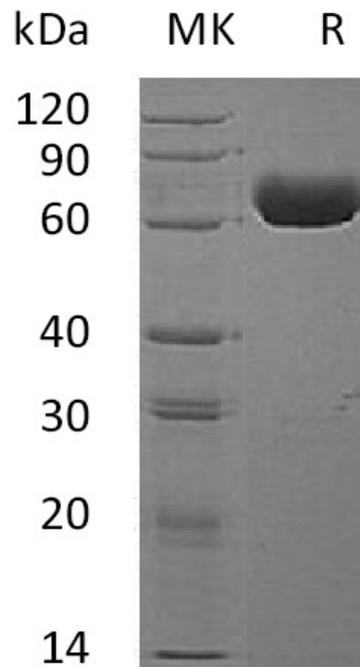


Summary

Name	EphA4/Ephrin type-A receptor 4/HEK8
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	Recombinant Human Ephrin type-A Receptor 4 is produced by our Mammalian expression system and the target gene encoding Val20-Thr547 is expressed.
Accession #	P54764
Host	Human Cells
Species	Human
Predicted Molecular Mass	59.2 KDa
Formulation	Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Lyophilized protein should be stored at ≤ -20°C, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at ≤ -20°C for 3 months.
Reconstitution	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

SDS-PAGE image

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Alternative Names

Ephrin type-A receptor 4;HEK8; SEK; TYRO1;EPHA4;Tyrosine-protein kinase receptor SEK;Tyrosine-protein kinase TYRO1;EK8;hEK8;EPH-like kinase 8

Background

Ephrin type-A receptor 4(EPHA4) belongs to the protein kinase superfamily and Ephrin receptor subfamily. EPHA4 contains 1 Eph LBD domain, 2 fibronectin type-III domains, 1 protein kinase domain and 1 SAM domain. 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.

Note

For Research Use Only , Not for Diagnostic Use.