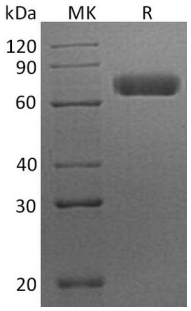
Product Name: Recombinant Human EphA7 (C-6His)
Catalog #: PHH0580

Summary

Name	EphA7
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 7 is produced by our Mammalian expression system and the target gene encoding Gln28-Ile556 is expressed with a 6His tag at the C-terminus.
Accession #	Q15375
Host	Human Cells
Species	Human
Predicted Molecular Mass	60.19 KDa
Formulation	Lyophilized from a 0.2 μm filtered solution of 20mM PB, 150mM NaCl, pH 7.4.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
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.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



Background

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Alternative Names	Ephrin Type-A Receptor 7; EPH Homology Kinase 3; EHK-3; EPH-Like Kinase 11; EK11; hEK11; EPHA7; EHK3; HEK11
Background	Ephrin Type-A Receptor 7 (EPHA7) is a single-pass type I membrane protein which belongs to the Eph family of transmembrane receptor tyrosine kinases. It contains two fibronectin type-III domains, one protein kinase domain and one SAM (sterile alpha motif) domain. EPHA7 is a receptor for members of the ephrin-A family. Eph receptors are largely expressed throughout the ectoderm, mesoderm, and endoderm of vertebrate embryos. EPHA7 functions as a repulsive guidance molecule during the targeting of retinal axons to the superior colliculus and of neocortical axons to the thalamus. EPHA7 is expressed at a substantial level in most human lung cancers. The high expression of EPHA7 protein may participate in the malignancy transformation, invasion progression and metastasis of primary hepatocellular carcinoma. EPHA7 may involve in smoking related lung carcinogenesis.

Note

For Research Use Only , Not for Diagnostic Use.