

Recombinant Human EphA7/EHK-3 Kinase

Catalog No.: RP03425LQ

Sequence Information

Species **Gene ID**
Human 2045

Swiss Prot **Tags**
Q15375 No tag

Synonyms

EPHA7; EHK3; HEK11; EPH
homology kinase 3; EPH-like
kinase 11; EK11; Ephrin type-A
receptor 7

Product Information

Source **Purification**
Baculovirus-
Insect Cells ≥ 90 % as
determined by
SDS-PAGE; ≥ 90
% as determined
by HPLC.

Calculated MW **Observed MW**
47.5 kDa 40-50 kDa

Endotoxin

< 1 EU/μg of the protein by LAL
method.

Formulation

Supplied as a 0.22 μm filtered
solution in 50 mM Tris-HCl, 200
mM NaCl, 5% glycerol, 1 mM DTT.
(pH 7.5). Contact us for
customized product form or
formulation.

Reconstitution

Please use running water to thaw
it quickly.

Background

Ephrin type-A receptor 7 is a protein that in humans is encoded by the EPHA7 gene. 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.

Basic Information

Description

Recombinant Human EphA7/EHK-3 Kinase is produced by Baculovirus-Insect Cells expression system. The target protein is expressed with sequence (Arg580-Val998) of Human EPHA7 (Accession #Q15375) fused with No tag.

Activity

The activity of EPHA7 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.

Shipping

Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

Storage

Store at -70°C

Operational Notes

For your safety and health, please wear a lab coat and disposable gloves for handling.

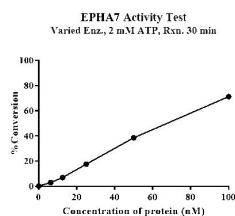
Contact

☎ | 400-999-6126

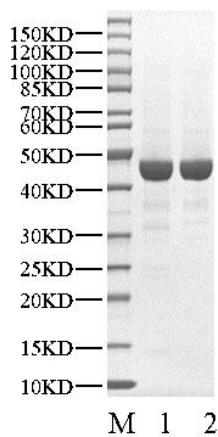
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Validation Data



The activity of EPHA7 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.



Recombinant Human EphA7/EHK-3 Kinase was resolved with SDS-PAGE under reducing (Lane 1) and non-reducing (Lane 2) conditions.