Recombinant Human EphA1/EPH Kinase

Catalog No.: RP03386LQ

Sequence Information

Species
Human

Gene ID
2041

Swiss Prot
P21709

Tags
N-His-GST

Synonyms
EPHA1; EPH; EPHT; EPHT1; hEpha1; Ephrin type-A receptor 1

Product Information

Source
Baculovirus-Insect Cells

Purification
≥ 85% as determined by SDS-PAGE;≥ 85% as determined by HPLC.

Calculated MW
74.7 kDa

Observed MW
60-70 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, 150 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

EPH receptor A1 (ephrin type-A receptor 1) is a protein that in humans is encoded by the EPHA1 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. This gene is expressed in some human cancer cell lines and has been implicated in carcinogenesis.

Basic Information

Description
Recombinant Human EphA1/EPH Kinase is produced by Baculovirus-Insect Cells expression system. The target protein is expressed with sequence (Phe568-Asp976) of Human EPHA1 (Accession #P21709) fused with a N-His-GST tag.

Activity
The activity of EPHA1 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℃

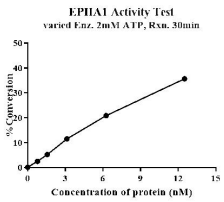
Operational Notes
For your safety and health, please wear a lab coat and disposable gloves for handling.

Contact

400-999-6126
cn.market@abclonal.com.cn
www.abclonal.com.cn

For research use only. Not for therapeutic or diagnostic purposes.
Please visit http://abclonal.com for a complete listing of recommended products.

Validation Data



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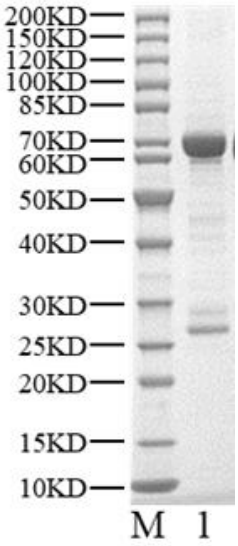

Recombinant Human EphA1/EPH Kinase was resolved with SDS-PAGE under reducing (Lane 1) conditions.

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