Recombinant Mouse EphA3 Protein (aa 569-984, His & GST Tag)

Catalog No. PKSM040288

Note: Centrifuge before opening to ensure complete recovery of vial contents.

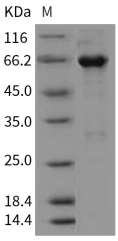
Description

Synonyms	AW492086;Cek4;End3;ETK1;Hek;Hek4;Mek4;Tyro4
Species	Mouse
Expression Host	Baculovirus-Insect Cells
Sequence	Gly569-Val984
Accession	EDK98238.1
Calculated Molecular Weight	74.3 kDa
Observed molecular weight	66 kDa
Tag	N-His-GST
Bioactivity	Kinase activity untested

Properties

Purity	> 90 % as determined by reducing SDS-PAGE.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method.
Storage	Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.
Shipping	This product is provided as liquid. It is shipped at frozen temperature with blue ice/gel packs. Upon receipt, store it immediately at < - 20°C.
Formulation	Supplied as sterile solution of 20mM Tris, 500mM NaCl, 10% glycerol, pH 8.0
Reconstitution	Not Applicable

Data



> 90 % as determined by reducing SDS-PAGE.

Background

EPHA3 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. 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. EPHA3 gene encodes a protein that binds ephrin-A ligands. EPHA3 is involved in the retinotectal mapping of neurons. It may also control the segregation but not the guidance of motor and sensory axons during neuromuscular circuit development.

Toll-free: 1-888-852-8623 Tel: 1-832-243-6086 Fax: 1-832-243-6017
Web: www.elabscience.com Email: techsupport@elabscience.com