Recombinant Human EPHA4 (610-887aa) (N-GST tag)

Cat No:HR2R1359

For research use only

Overview

Quantity	10 ?g
Gene Symbol	EPHA4
Gene ID	N/A
Accession	NM_004438
Alternative Name	SEK, HEK8, TYRO1
Species	Human
Source	Insect cells
Description	EPHA4 also known as EPH receptor A4, belongs to the ephrin receptor subfamily of protein-tyrosine kinases which have been implicated in mediating developmental events, particularly in the nervous system . The EPHA4 ligand ephrin-A3 is localized to the astrocytic processes that envelop the spine. Activation of EPHA4 by ephrin-A3 induces spinal retraction and reduces spine density and inhibits the interaction distorted spine shape and organization. EPHA4-null mice possess defects in the corticospinal tract and anterior commissure indicating a model in which an ephrin ligand on the axons senses EPHA4 on spinal cord cells surrounding the corticospinal tract .
Functions	The specific activity of EPHA4 was determined to be83 nmol /min/mg as per activity assay protocol.
Formulation	50mM Tris-HCl, pH 7.5, 150mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, 25% glycerol.
Solubility	N/A
Appearance	Liquid
Molecular Weight	58
Purity	70% - 90%
Concentration	
Shipping Condition	Dry Ice
Storage Condition	Store product at ?70?C. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.