

## 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	<p>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 .</p>
Functions	The specific activity of EPHA4 was determined to be 83 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 -20°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.