Recombinant Human EPH Receptor B3, GST-tagged, Active

Cat. No. EPHB3-305H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human EPHB3 (585-end) was expressed by baculovirus in*Sf9 insect cell*susing an N-terminal GST tag. MW=68kDa.
Species	Human
Source	Sf9 Cells
ProteinLength	585-end a.a.
Description	EPHB3 is a member of the Ephrin receptor family and is expressed during embryonic development in multiple regions of the central nervous system. In adult brain, EPHB3 is expressed in the cerebellum, raphe pallidus, hippocampus, entorhinal cortex, and both motor and sensory cortices. EPHB3 is involved in the maintenance of mature neuronal connections and/or re-arrangement of synaptic connections during late stages of development. EPHB3 plays a role in the regulation of cell adhesion and migration, and the catalytic activity of EPHB3 is required for inhibition of integrin-mediated cell adhesion.
Sequence	585-end.
Applications	Kinase Assay, Western Blot.
Storage And Stability	Store product at –70oC. 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.

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GENE INFORMATION

Gene Name	EPHB3 EPH receptor B3 [Homo sapiens]
Synonyms	EPHB3; EPH receptor B3;ETK2; HEK2; TYRO6; ephrin receptor EphB3; human embryo kinase 2; EPH-like tyrosine kinase-2; EC 2.7.10.1
Gene ID	2049
mRNA Refseq	NM_004443
Protein Refseq	NP_004434
MIM	601839
UniProt ID	P54753
Chromosome Location	3q21-qter
Pathway	Axon guidance
Function	ATP binding; axon guidance receptor activity; nucleotide binding; receptor activity; receptor binding; transferase activity; transmembrane-ephrin receptor activity

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