Recombinant Human EPH Receptor A8, GST-tagged

Cat. No. EPHA8-698H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human EPH receptor A8 catalytic domain (aa 565-1005) with a GST tag is expressed in*Insect cells*. Activated in vitro via auto-phosphorylation.
Species	Human
Source	Insect Cells
ProteinLength	565-1005 a.a.
Description	Human receptor Ephrin A8 (Ephrin type A receptor 8) functions as a receptor for ephrin A2, A3 and A5. Its extracellular domain contains a cysteine domain and 2 fibronectin type III repeats. It plays a role in development of the mammalian nervous system.
Concentration	0.33 mg/ml.
Molecular Weight	76.7 kDa.
Formulation	Liquid in 50 mM Tris, pH 7.5 + 150 mM NaCl + 0.5 mM EDTA + 0.02% Triton X-100 + 2mM DTT + 50% glycerol.
Storage	Stable for 6 months in working aliquots at -80°C. Avoid repeated freeze-thaw cycles.

GENE INFORMATION

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Gene Name	EPHA8 EPH receptor A8 [Homo sapiens]
Synonyms	EPH receptor A8; EEK; EK3; HEK3; KIAA1459; EPHA8; ephrin type-A receptor 8; EPH-like kinase 3; tyrosylprotein kinase; protein-tyrosine kinase; hydroxyaryl-protein kinase; EPH- and ELK-related kinase; EPH- and ELK-related tyrosine kinase; tyrosine-protein kinase receptor EEK; Tyrosine-protein kinase receptor EEK; EphA8; Hek3; ephrin receptor EphA8; EC 2.7.10.1
Gene ID	2046
mRNA Refseq	NM_001006943
Protein Refseq	NP_001006944
MIM	176945
UniProt ID	P29322s
Chromosome Location	1p36.12
Pathway	Axon guidance
Function	ATP binding; ephrin receptor activity; nucleotide binding; protein binding; receptor activity; signal transducer activity; transferase activity

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