

Active Recombinant Human EPHA8 Protein, Fc Chimera

Cat. No. EPHA8-727H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human EPHA8 (Accession # NP_065387), fused with , was produced in Mouse myeloma cell line, NS0-derived.
Species	Human
Source	Mammalian Cells
Predicted N Terminal	Glu31
Form	Supplied as a 0.2 µ filtered solution in MES, NaCl, PEG, CHAPS and Imidazole.
Bio-activity	Measured by its binding ability in a functional ELISA. When Recombinant Human EphA8 Fc Chimera is coated at 2 µg/mL (100 µL/well), the concentration of Biotinylated Recombinant Human Ephrin-A5 Fc Chimera that produces 50% of the optimal binding response is typically 2-12 ng/mL.
Molecular Mass	Recombinant Human EPHA8, Fc Chimera has a calculated MW of 83.2 kDa (monomer). In SDS-PAGE migrates as 94 kDa, reducing conditions.
Purity	>90%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

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GENE INFORMATION

Gene Name	EPHA8 EPH receptor A8 [Homo sapiens]
Official Symbol	EPHA8
Synonyms	EPHA8; EPH receptor A8; EEK, EphA8; ephrin type-A receptor 8; Hek3; 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; EEK; EK3; HEK3; KIAA1459;
Gene ID	2046
mRNA Refseq	NM_001006943
Protein Refseq	NP_001006944
MIM	176945
UniProt ID	P29322
Chromosome Location	1p36.12

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