

Active Recombinant Human EPHA4 Protein, Fc Chimera

Cat. No. EPHA4-550H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human EPHA4 (Accession # NP_004429.1), fused with , was produced in Mouse myeloma cell line, NS0-derived.
Species	Human
Source	Mammalian Cells
Predicted N Terminal	Val20
Form	Lyophilized from a 0.2 µ filtered solution in PBS.
Bio-activity	Measured by its binding ability in a functional ELISA. When Recombinant Human EphA4 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 found to be approximately 5 - 25 ng/mL.
Molecular Mass	Recombinant Human EPHA4, Fc Chimera has a calculated MW of 85 kDa (monomer). In SDS-PAGE migrates as 93-98 kDa, reducing conditions.
Purity	>95%, 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	EPHA4 EPH receptor A4 [Homo sapiens]
Official Symbol	EPHA4
Synonyms	EPHA4; EPH receptor A4; EphA4 , TYRO1; ephrin type-A receptor 4; Hek8; EK8; EPH-like kinase 8; TYRO1 protein tyrosine kinase; tyrosine-protein kinase TYRO1; tyrosine-protein kinase receptor SEK; receptor protein-tyrosine kinase HEK8; SEK; HEK8; TYRO1;
Gene ID	2043
mRNA Refseq	NM_004438
Protein Refseq	NP_004429
MIM	602188
UniProt ID	P54764
Chromosome Location	2q36.3

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