Active Recombinant Human EPHA3 Protein, Fc Chimera

Cat. No. EPHA3-559H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human EPHA3 (Accession # NP_005224), fused with , was produced in Mouse myeloma cell line, NS0-derived.
Species	Human
Source	Mammalian Cells
Predicted N Terminal	Glu21
Form	Lyophilized from a 0.2 μm filtered solution in PBS.
Bio-activity	Measured by its binding ability in a functional ELISA.When Recombinant Human (rh) EphA3 Fc Chimera is coated at 2 μg/mL (100 μl/well), the concentration of biotinylayed rhEphrin A5 Fc Chimera that produces 50% of the optimal binding response is found to be approximately 5 - 25 ng/mL.
Molecular Mass	Recombinant Human EPHA3, Fc Chimera has a calculated MW of 85.4 kDa (monomer). In SDS-PAGE migrates as 100-110 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 (4ºC); After reconstitution under sterile conditions for 3 months (-70ºC).

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Reconstitution	Reconstitute at 200 g/mL in sterile PBS containing at least 0.1% human or bovine serum albumin.

GENE INFORMATION

Gene Name	EPHA3 EPH receptor A3 [Homo sapiens]
Official Symbol	EPHA3
Synonyms	EPHA3; EPH receptor A3; EphA3 , ETK, ETK1, TYRO4; ephrin type-A receptor 3; HEK; HEK4; EPH-like kinase 4; human embryo kinase 1; eph-like tyrosine kinase 1; TYRO4 protein tyrosine kinase; tyrosine-protein kinase receptor ETK1; EK4; ETK; ETK1; TYRO4;
Gene ID	2042
mRNA Refseq	NM_005233
Protein Refseq	NP_005224
MIM	179611
UniProt ID	P29320
Chromosome Location	3p11.2

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