Active Recombinant Human EPHA7 Protein, Fc Chimera

Cat. No. EPHA7-551H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human EPHA7 (Accession # NP_004431), fused with , was produced in Mouse myeloma cell line, NS0-derived.
Species	Human
Source	Mammalian Cells
Predicted N Terminal	Ala30 & Gln28, predicted, not obtained, sequencing might be blocked
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) EphA7 Fc Chimera is coated at 2 μg/mL (100 μl/well), the concentration of biotinylayed rhEphrin-A4 Fc Chimera that produces 50% of the optimal binding response is found to be approximately 1.5 - 6 ng/mL.
Molecular Mass	Recombinant Human EPHA7, Fc Chimera has a calculated MW of 85.7 kDa. In SDS-PAGE migrates as 95-105 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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GENE INFORMATION

Gene Name	EPHA7 EPH receptor A7 [Homo sapiens]
Official Symbol	EPHA7
Synonyms	EPHA7; EPH receptor A7; EphA7; ephrin type-A receptor 7; Hek11; EK11; EHK-3; EPH-like kinase 11; EPH homology kinase 3; Eph homology kinase-3; receptor protein-tyrosine kinase HEK11; tyrosine-protein kinase receptor EHK-3; EHK3; HEK11;
Gene ID	2045
mRNA Refseq	NM_004440
Protein Refseq	NP_004431
MIM	602190
UniProt ID	Q15375
Chromosome Location	6q16.3

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