

Active Recombinant Human EPHA5, His-tagged

Cat. No. EPHA5-364H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human EPHA5 (Accession # AAI43428) Ser56-Pro573, fused with a C-terminal 6-His tag, was produced in Mouse myeloma cell line, NS0-derived.
Species	Human
Source	Mammalian Cells
ProteinLength	56-573 a.a.
Predicted N Terminal	Ser56
Form	Lyophilized from a 0.2 µm filtered solution in PBS.
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized rhEphA5 at 2 µg/mL (100 µL/well) can bind rmEphrin-A2/Fc Chimera with a linear range of 0.16 - 10 ng/mL.
Molecular Mass	Recombinant Human EPHA5, His-tagged has a calculated MW of 58.4 kDa. In SDS-PAGE migrates as 75-85 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	EPHA5 EPH receptor A5 [Homo sapiens]
Official Symbol	EPHA5
Synonyms	EPHA5; EPH receptor A5; EphA5; ephrin type-A receptor 5; CEK7; EHK1; Hek7; TYRO4; EK7; EHK-1; EPH-like kinase 7; EPH homology kinase 1; Eph homology kinase-1; brain-specific kinase; receptor protein-tyrosine kinase HEK7; tyrosine-protein kinase receptor EHK-1; HEK7;
Gene ID	2044
mRNA Refseq	NM_004439
Protein Refseq	NP_004430
MIM	600004
UniProt ID	P54756
Chromosome Location	4q13.1

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