Active Recombinant Human EPHA2 protein, His&GST-tagged

Cat. No. EPHA2-8628H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human EPHA2 protein(P29317) (Leu585-Ile976) was expressed in Insect Cells, fused with the N-terminal polyhistidine-tagged GST tag at the N-terminus.
Species	Human
Source	Insect Cells
ProteinLength	585-976 aa
Form	Supplied as sterile 20mM Tris, 500mM NaCl, 3mM DTT, pH 8.5, 10% gly.
Bio-activity	The specific activity was determined to be 50 nmol/min/mg using Poly(Glu:Tyr) 4:1 as substrate.
Molecular Mass	The recombinant human EPHA2 /GST chimera consists of 629 amino acids and has a calculated molecular mass of 72.1 kDa. The recombinant protein migrates as an approximately 62 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method
Purity	> 95 % as determined by SDS-PAGE.
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-

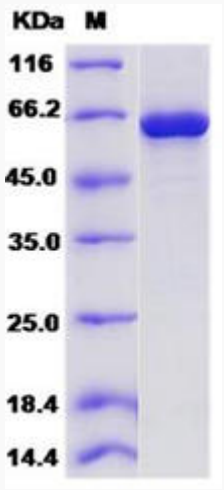
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	thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	EPHA2 EPH receptor A2 [Homo sapiens]
Official Symbol	EPHA2
Synonyms	EPHA2; EPH receptor A2; ECK, EphA2; ephrin type-A receptor 2; soluble EPHA2 variant 1; tyrosine-protein kinase receptor ECK; epithelial cell receptor protein tyrosine kinase; ECK; CTPA; ARCC2; CTPP1;
Gene ID	1969
mRNA Refseq	NM_004431
Protein Refseq	NP_004422
MIM	176946
UniProt ID	P29317

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SDS-PAGE	

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