

Active Recombinant Human EPHB2 protein, His&GST-tagged

Cat. No. EPHB2-7299H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human EPHB2 protein(P29323-3) (Gly570-Val987) was expressed in Insect Cells, fused with the N-terminal polyhistidine-tagged GST tag at the N-terminus.
Species	Human
Source	Insect Cells
ProteinLength	570-987 aa
Form	Supplied as sterile 20mM Tris, 500mM NaCl, pH 7.4, 3mM DTT, 10% gly.
Bio-activity	The specific activity was determined to be 120 nmol/min/mg using Poly(Glu:Tyr) 4:1 as substrate.
Molecular Mass	The recombinant human EPHB2 /GST chimera consists of 655 amino acids and has a calculated molecular mass of 75.2 kDa. The recombinant protein migrates as an approximately 65 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 90 % 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-

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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 EPHB2 EPH receptor B2 [Homo sapiens]

Official Symbol EPHB2

Synonyms

EPHB2; EPH receptor B2; DRT, EphB2 , EPHT3, ERK; ephrin type-B receptor 2; Hek5; Tyro5; EPH-like kinase 5; eph tyrosine kinase 3; elk-related tyrosine kinase; protein-tyrosine kinase HEK5; tyrosine-protein kinase TYRO5; renal carcinoma antigen NY-REN-47; tyrosine-protein kinase receptor EPH-3; developmentally-regulated Eph-related tyrosine kinase; DRT; EK5; ERK; CAPB; PCBC; EPHT3; MGC87492;

Gene ID 2048

mRNA Refseq NM_004442

Protein Refseq NP_004433

MIM 600997

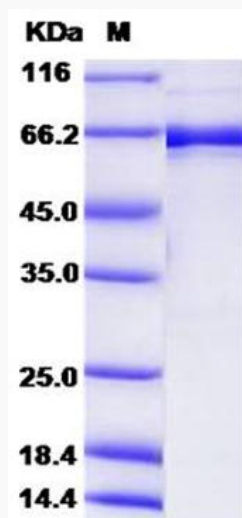
UniProt ID P29323

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

SDS-PAGE



 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA