

Recombinant Human EPHB2 protein, His-tagged

Cat. No. EPHB2-694H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human EPHB2 protein(P29323-1)(Val19-Leu543), fused with C-terminal His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Val19-Leu543
Tag	C-His
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 5% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human EPHB2, His Tag at 2ug/ml (100ul/well) on the plate. Dose response curve for Human Ephrin-B2, hFc Tag with the EC50 of 2.2ng/ml determined by ELISA (QC Test).
Molecular Mass	The protein has a predicted MW of 59.2 kDa. Due to glycosylation, the protein migrates to 65-75 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE;> 95% as determined by HPLC

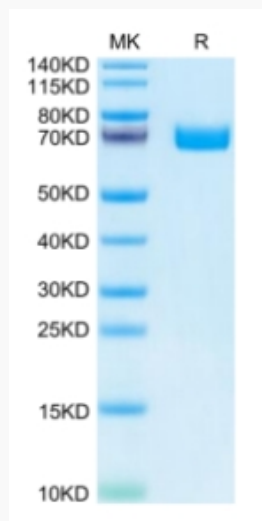
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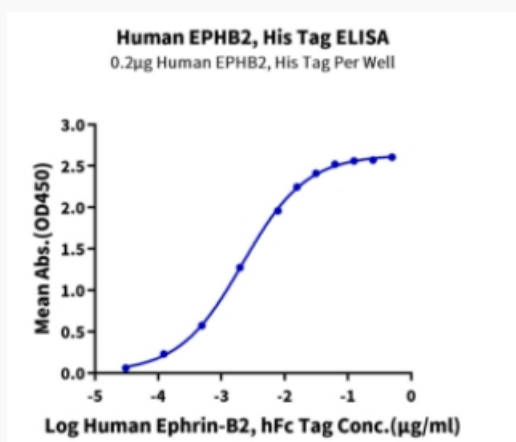
 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage	Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
Reconstitution	Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
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

Tris-Bis PAGE



ELISA Data



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