

Datasheet for ABIN7317112

EPH Receptor B4 Protein (EPHB4) (AA 563-987) (GST tag,His tag)[Go to Product page](#)**1** Image

Overview

Quantity:	50 µg
Target:	EPH Receptor B4 (EPHB4)
Protein Characteristics:	AA 563-987
Origin:	Human
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This EPH Receptor B4 protein is labelled with GST tag,His tag.

Product Details

Purpose:	Recombinant Human EphB4/HTK Protein (aa 563-987, His & GST Tag)(Active)
Sequence:	Leu563-Tyr987
Characteristics:	A DNA sequence encoding the human EPHB4 (P54760) (Leu563-Tyr987) was fused with the N-terminal polyhistidine-tagged GST tag at the N-terminus.
Purity:	> 90 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.
Biological Activity Comment:	The specific activity was determined to be 47 nmol/min/mg using Poly(Glu:Tyr) 4:1 as substrate.

Target Details

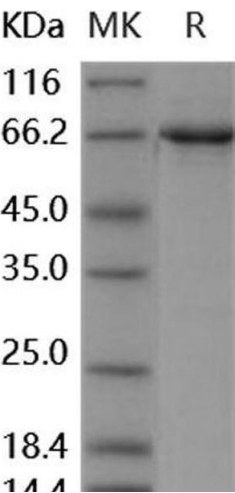
Target:	EPH Receptor B4 (EPHB4)
Alternative Name:	EphB4/HTK (EPHB4 Products)
Background:	<p>Background: Ephrin type-B receptor 4 is a protein that in humans is encoded by the EPHB4 gene. It is a single-pass type I membrane protein belonging to the ephrin receptor subfamily of protein kinase superfamily. Members of the ephrin and Eph family are local mediators of cell function through largely contact-dependent processes in development and in maturity.</p> <p>Furthermore, EphB4 protein and the corresponding ligand Ephrin-B2 contribute to tumor growth in various human tumors. EphB4 protein has tumor suppressor activities and that regulation of cell proliferation, extracellular matrix remodeling, and invasive potential are important mechanisms of tumor suppression. Therefore, Ephrin-B2/EphB4 may be recognized as a novel prognostic indicator for cancers.</p> <p>Synonym: HTK,MYK1,TYRO11</p>
Molecular Weight:	75.2 kDa
UniProt:	P54760
Pathways:	RTK Signaling

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Frozen, Liquid
Buffer:	Supplied as sterile 20 mM Tris, 500 mM NaCl, pH 8.0, 3 mM DTT, 10 % glycerol
Storage:	-20 °C
Storage Comment:	Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.



Western Blotting

Image 1.