

Datasheet for ABIN7195554

**EPH Receptor B4 Protein (EPHB4) (Fc Tag)**[Go to Product page](#)**1** Image

## Overview

Quantity:	200 µg
Target:	EPH Receptor B4 (EPHB4)
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This EPH Receptor B4 protein is labelled with Fc Tag.

## Product Details

Purpose:	Recombinant Mouse EphB4/HTK Protein (Fc Tag)(Active)
Sequence:	Met 1-Ala 539
Characteristics:	A DNA sequence encoding the mouse EPHB4 (P54761-1) extracellular domain (Met 1-Ala 539) was fused with the Fc region of human IgG1 at the C-terminus.
Purity:	> 97 % as determined by SDS-PAGE
Endotoxin Level:	< 1.0 EU per µg of the protein as determined by the LAL method.
Biological Activity Comment:	1. Measured by its binding ability in a functional ELISA.2. Immobilized mouse EPHB2-His at 10 µg/mL (100 µl/well) can bind mouse EPHB4-Fc , The EC50 of mouse EPHB4-Fc is 15 ng/mL.

## Target Details

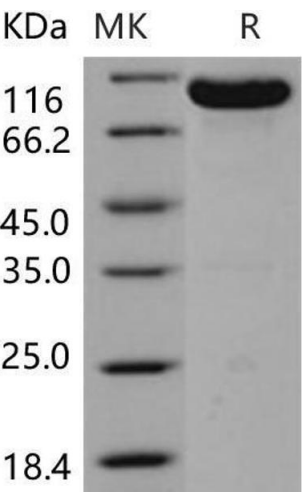
Target:	EPH Receptor B4 (EPHB4)
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## Target Details

Alternative Name:	EphB4/HTK ( <a href="#">EPHB4 Products</a> )
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: AI042935,Htk,MDK2,Myk1,Tyro11</p>
Molecular Weight:	84.7 kDa
Pathways:	<a href="#">RTK Signaling</a>

## Application Details

Restrictions:	For Research Use only
Handling	
Format:	Lyophilized
Reconstitution:	Please refer to the printed manual for detailed information.
Buffer:	Lyophilized from sterile PBS, pH 7.4
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	<p>Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C.</p> <p>Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at &lt; -20°C for 3 months.</p>



**Western Blotting**

**Image 1.**