

## Recombinant Human EDNRB/Endothelin B Receptor Protein (Fc Tag)

Catalog No. PKSH030546

*Note:* Centrifuge before opening to ensure complete recovery of vial contents.

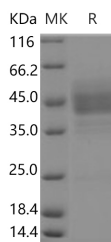
### Description

<b>Synonyms</b>	ABCDS;ET-B;ET-BR;ETB;ETBR;ETRB;HSCR;HSCR2;WS4A
<b>Species</b>	Human
<b>Expression Host</b>	HEK293 Cells
<b>Sequence</b>	Met 1-Lys101
<b>Accession</b>	NP_000106.1
<b>Calculated Molecular Weight</b>	34.4 kDa
<b>Observed molecular weight</b>	47.5&43.7 kDa
<b>Tag</b>	C-mFc
<b>Bioactivity</b>	Not validated for activity

### Properties

<b>Purity</b>	> 85 % as determined by reducing SDS-PAGE.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method.
<b>Storage</b>	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
<b>Shipping</b>	This product is provided as lyophilized powder which is shipped with ice packs.
<b>Formulation</b>	Lyophilized from sterile PBS, pH 7.4 Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.
<b>Reconstitution</b>	Please refer to the printed manual for detailed information.

### Data



> 85 % as determined by reducing SDS-PAGE.

### Background

The hypermethylation of EDNRB gene was remarkably related to infiltration and metastasis of gastric cancer and may attribute to the tumor progression. EDNRB is a new candidate tumor suppressor gene which is often down-regulated or

### For Research Use Only

even silenced by promoter hypermethylation in various human cancers. Low EDNRB expression played a role in the progression of ACC tumors. The autosomal recessive mutation in EDNRB may underlie a part of WS1 with the current diagnostic criteria, and supported that Hirschsprung's disease is a multifactorial genetic disease which requires additional factors.