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



Catalog Number: PKSH030546

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

Description

Synonyms ABCDS;ET-B;ET-BR;ETBB;ETRB;HSCR;HSCR2;WS4A

Species Human

Expression Host HEK293 Cells
Sequence Met 1-Lys101
Accession NP_000106.1
Calculated Molecular Weight 34.4 kDa

Observed molecular weight 47.5&43.7 kDa

Tag C-mFc

Properties

Purity > 85 % as determined by reducing SDS-PAGE.

Endotoxin $< 1.0 \text{ EU per } \mu \text{g of the protein as determined by the LAL method.}$

Storage 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.

Shipping This product is provided as lyophilized powder which is shipped with ice packs.

Formulation Lyophilized from sterile PBS, pH 7.4

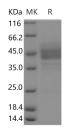
Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as

protectants before lyophilization.

Please refer to the specific buffer information in the printed manual.

Reconstitution 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 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.

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