

PRODUCT INFORMATION

Target EDNRB

ETB; ET-B; ETB1; ETBR; ETRB; HSCR; WS4A; **Synonyms**

ABCDS; ET-BR; HSCR2

Recombinant human EDNRB Protein with C-**Description**

terminal human Fc tag

Delivery In Stock **Uniprot ID** P24530 **Expression Host** HFK293

C-Human Fc tag Tag

Molecular

Background

EDNRB(Glu27-Lys101) hFc(Glu99-Ala330) Characterization

The protein has a predicted molecular mass of

34.2 kDa after removal of the signal peptide. The apparent molecular mass of EDNRB-hFc is **Molecular Weight**

approximately 35-55 kDa due to glycosylation. The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue

Purity

staining.

Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before Formulation & lyophilization. Please see Certificate of Analysis Reconstitution

for specific instructions of reconstitution. Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not

intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Storage & Shipping

Lyophilized proteins are shipped at ambient

temperature.

The protein encoded by this gene is a G protein-

coupled receptor which activates a

phosphatidylinositol-calcium second messenger system. Its ligand, endothelin, consists of a family of three potent vasoactive peptides: ET1, ET2, and ET3. Studies suggest that the multigenic disorder, Hirschsprung disease type 2, is due to

mutations in the endothelin receptor type B gene. Alternative splicing and the use of alternative promoters results in multiple transcript variants. [provided by RefSeq, Oct 2016]

Usage Research use only

Conjugate Unconjugated



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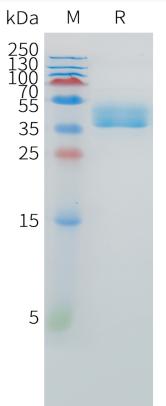


Figure 1. Human EDNRB Protein, hFc Tag on SDS-PAGE under reducing condition.

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