



# Recombinant Protein Technical Manual

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

RPES3856

### Product Data:

**Product SKU:** RPES3856

**Size:** 20µg

**Species:** Human

**Expression host:** HEK293 Cells

**Uniprot:** NP\_000106.1

### Protein Information:

**Molecular Mass:** 34.4 kDa

**AP Molecular Mass:** 47.5 & 43.7 kDa

**Tag:** C-Fc

**Bio-activity:**

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

**Endotoxin:** < 1.0 EU per µg of the protein as determined by the LAL method.

**Storage:** 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

**Reconstitution:** Please refer to the printed manual for detailed information.

**Application:**

**Synonyms:** ABCDS;ET-B;ET-BR;ETB;ETBR;ETRB;HSCR;HSCR2;WS4A

## Immunogen Information:

**Sequence:** Met 1-Lys101

## 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.