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Datasheet for ABIN7317189 EDNRB Protein (Fc Tag)

Overview

| | |
|-------------------------------|---------------------------------------------|
| Quantity: | 100 µg |
| Target: | EDNRB |
| Origin: | Human |
| Source: | HEK-293 Cells |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This EDNRB protein is labelled with Fc Tag. |

Product Details

| | |
|------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| Purpose: | Recombinant Human EDNRB/Endothelin B Receptor Protein (Fc Tag) |
| Sequence: | Met 1-Lys101 |
| Characteristics: | A DNA sequence encoding the human EDNRB (NP_000106.1) (Met1-Lys101) was expressed with the Fc region of mouse IgG1 at the C-terminus. |
| Purity: | > 85 % as determined by reducing SDS-PAGE. |
| Endotoxin Level: | < 1.0 EU per µg of the protein as determined by the LAL method. |

Target Details

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|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target: | EDNRB |
| Alternative Name: | EDNRB/Endothelin B Receptor (EDNRB Products) |
| Background: | 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 |

Target Details

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.

Synonym: ABCDS,ET-B,ET-BR,ETB,ETBR,ETRB,HSCR,HSCR2,WS4A

Molecular Weight: 34.4 kDa

NCBI Accession: [NP_000106](#)

Pathways: [Cellular Response to Molecule of Bacterial Origin](#), [cAMP Metabolic Process](#)

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: 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.