

Recombinant Full Length Human EDNRB Protein, GST-tagged

Cat. No. EDNRB-4203HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human EDNRB full-length ORF (AAH14472.1, 1 a.a. - 442 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	442 amino acids
Description	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]
Molecular Mass	76 kDa
AA Sequence	MQPPPSLCGRALVALVLACGLSRIWGEERGFPDRATPLLQTAEIMTPPTKTLWPK GSNASLARSLAPAEVPGKDRTAGSPPTISPPPCQGPPIKETFKYINTVVSCLVFVL GIIGNSTLLRIIYKNKCMRNGPNILIASLALGDLLHIVIDIPINVYKLLAEDWPFGAEMCK LVPFIQKASVGITVLSLCALSIDRYRAVASWSRIKGIGVPKWTAVEIVLIWVVSVLAVP EAIGFDIITMDYKGSYLRIKLLHPVQKTAQFMQFYKTAQDWWLFSFYFCLPLAITAFFYT LMTCEMLRKKSGMQIALNDHLKQRREVAKTVFCLVLVFALCWLPPLHLSRILKLTLYN QNDPNRCELLSFLLVLDYIGINMASLNSCINPIALYLVSKRFKNCFKSCLCCWCQSFE

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EKQSLEEKQSCLKFKANDHGYDNFRSSNKYSSS

Applications

Enzyme-linked Immunoabsorbent Assay
Western Blot (Recombinant protein)
Antibody Production
Protein Array

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name

EDNRB endothelin receptor type B [Homo sapiens]

Official Symbol

EDNRB

Synonyms

EDNRB; endothelin receptor type B; HSCR, HSCR2; endothelin B receptor; ETB; endothelin receptor non-selective type; ET-B; ETBR; ETRB; HSCR; WS4A; ABCDS; ET-BR; HSCR2;

Gene ID

1910

mRNA Refseq

NM_000115

Protein Refseq

NP_000106

MIM

131244

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UniProt ID

P24530

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