

# Recombinant Full Length Human EDNRB Protein, GST-tagged

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

## SPECIFICATION

<b>Product Overview</b>	Human EDNRB full-length ORF ( AAH14472.1, 1 a.a. - 442 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>Protein Length</b>	442 amino acids
<b>Description</b>	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]
<b>Molecular Mass</b>	76 kDa
<b>AA Sequence</b>	<p>MQPPPSLCGRALVALVLACGLSRIWGEERGFPDRATPLLQTAEIMTPPTKTLWPK            GSNASLARSLAPAEVPGKDRTAGSPRTISPPPCQGPIEKETFKYINTVVSCLVFVL            GIIGNSTLLRIIYKNKCMRNGPNILIASLALGDLLHIVIDIPINVYKLLAEDWPFGAEMCK            LVPFIQKASVGITVLSLICALSIDRYRAVASWSRIKGIGVPKWTAVEIVLIWVVSVVLAVP            EAIGFDIITMDYKGSYLRIKLLHPVQKTAQFMQFYKTAKDWWLFSFYFCLPLAITAFFYT            LMTCEMLRKKSGMQIALNDHLKQRREVAKTVFCLVLFALCWLPPLHLSRILKLTLYN            QNDPNRCELLSFLVLDYIGINMASLNSCINPIALYLVSKRFKNCFKSCLCCWCQSFE</p>

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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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