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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

EDNRB (Human) Recombinant Protein (P01)

Catalog Number: H00001910-P01

Regulation Status: For research use only (RUO)

Product Description: Human EDNRB full-length ORF (AAH14472.1, 1 a.a. - 442 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MQPPPSLCGRALVALVLACGLSRIWGEERGFPDRAT
PLLQTAEIMTPPTKTLWPKGSNASLARS LAPAEVPGKD
RTAGSPPRITISPPPCQGP I EIKETFKYINTVVSCLVFVL
GIIGNSTLLRIIYKNKCMRNGPNILIASLALGDL LHIVIDIP I
NVYKLLAEDWPF GAEMCKLV PFIQKASV GITVLSL CAL
SIDRYRAVASWSRIKGIGV PKWTAVEIVLIWVVS VVLAV
PEAIGFDIITMDYKGSYLRI CLLHPVQKTA FMQFYKTAK
DWWLFSFYFCLPLAITAFFYTLMTCEMLRKKSGMQIAL
NDHLKQRREVAKTVFCLVLFALCWLPLHLSRILKLTLY
NQNDPNRCELLSFLLVLDYIGINMASLNSCINPIALYLV S
KRFKNCFKSCLCCWCQSFE EKQSLEEKQSCLKFKAN
DHGYDNFRSSNKYSSS

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 76

Interspecies Antigen Sequence: Mouse (89); Rat (89)

Applications: AP, Array, ELISA, WB-Re

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

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

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 1910

Gene Symbol: EDNRB

Gene Alias: ABCDS, ETB, ETBR, ETRB, HSCR, HSCR2

Gene Summary: 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. Three transcript variants encoding two different isoforms have been found for this gene. While both isoforms bind ET1, they exhibit different responses upon binding, suggesting that they may be functionally distinct. [provided by RefSeq]