

Product datasheet for TP304899

Endothelin B Receptor (EDNRB) (NM_000115) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human endothelin receptor type B (EDNRB), transcript variant 1, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC204899 protein sequence Red=Cloning site Green=Tags(s)

MQPPPSLCGRALVALVLACGLSRIWGEERGFPDRATPLLQTAEIMTPPTKTLWPKGSNASLARS LAPAE
VPKGDRTAGSPRTISPPPCQGPPIEKETFYINTVWSCLVFLGIIGNSTLLRIYKNKCMRNGPNILI
ASLALGDLHIVIDIPINVYKLLAEDWPFGAEMCKLVFPIQKASVGITVLSLCA SIDRYAVASWSRIK
GIGVPKWTAVEIVLIWVSVLAVPEAIGFDIITMDYKGSYLRICLLHPVQKTA FMQFYKTA KDWWLFSF
YFCLPLAITAFFYTLMTCEMLRKKSGMQIALNDHLKQRREVAKTVFCLVLFALCWLP LHL SRILKLTLY
NQNDPNRCELLSFLVLDYIGINMASLNSCINPIALYLVSKRFKNCFKSCLCCWCQSFE EKQSLEEKQSC
LKFKANDHGYDNFRSSNKYSSS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	46.9 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.



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RefSeq: [NP_000106](#)

Locus ID: 1910

UniProt ID: [P24530](#)

RefSeq Size: 4296

Cytogenetics: 13q22.3

RefSeq ORF: 1326

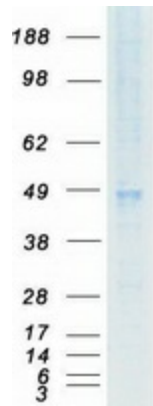
Synonyms: ABCDS; ET-B; ET-BR; ETB; ETB1; ETBR; ETRB; HSCR; HSCR2; WS4A

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. Alternative splicing and the use of alternative promoters results in multiple transcript variants. [provided by RefSeq, Oct 2016]

Protein Families: Druggable Genome, GPCR, Transmembrane

Protein Pathways: Calcium signaling pathway, Melanogenesis, Neuroactive ligand-receptor interaction

Product images:



Coomassie blue staining of purified EDNRB protein (Cat# TP304899). The protein was produced from HEK293T cells transfected with EDNRB cDNA clone (Cat# [RC204899]) using MegaTran 2.0 (Cat# [TT210002]).