

Recombinant Human EDNRB, Fc-tagged

Cat. No. EDNRB-272H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	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.
Species	Human
Source	Human Cells
ProteinLength	Met1-Lys101
Form	Lyophilized from sterile PBS, pH7.4.
Molecular Mass	The recombinant human EDNRB/mFc comprises 309 amino acids and has a predicted molecular mass of 34.4 kDa. The apparent molecular mass of the protein is approximately 47.5 and 43.7 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 eu per µg of the protein as determined by the LAL method.
Purity	>85 % as determined by SDS-PAGE
Stability	Samples are stable for up to twelve months from date of receipt at -70°C
Storage	Store it under sterile conditions at -70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	Hardcopy of COA with reconstitution instruction is sent along with the products.

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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
UniProt ID	P24530
Chromosome Location	13q22
Pathway	Arf6 trafficking events, organism-specific biosystem; Calcium signaling pathway, organism-specific biosystem; Calcium signaling pathway, conserved biosystem; Class A/1 (Rhodopsin-like receptors), organism-specific biosystem; Endothelins, organism-specific biosystem; G alpha (q) signalling events, organism-specific biosystem; GPCR downstream signaling, organism-specific biosystem;
Function	G-protein coupled receptor activity; endothelin receptor activity; endothelin receptor activity; endothelin receptor activity; peptide hormone binding; receptor activity; signal

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transducer activity;

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