

Recombinant Human EDNRB protein, His-tagged

Cat. No. EDNRB-12286H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human EDNRB protein(27-99 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	27-99 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 7.4). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 300 mM imidazole.
AASequence	EERGFPDRATPLLQTAEIMTPPTKTLWPKGSNASLARSLAPAEVPGKDRTAGSPP RTISPPPCQGPPIKET
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
Reconstitution	Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/

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μl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

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

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SDS-PAGE

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