

Active Recombinant Human EDNRB Full Length Transmembrane protein, His-tagged

Cat. No. EDNRB-9103H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human EDNRB protein(P24530)(27-442aa), fused with C-terminal His tag, was expressed in in vitro E. coli expression system.
Species	Human
Source	E.coli
ProteinLength	27-442aa
Form	<p>If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol.</p> <p>If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.</p>
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized EDNRB at 5 µg/ml can bind human EDN1 with a linear range of 6.25-25.00 µg/ml.
Molecular Mass	50.3kDa
AA Sequence	<p>EERGFPPDRATPLLQTAEIMTPPTKTLWPKGSNASLARSLAPAEVPGKDRTAGSPP RTISPPPCQGPPIEKETFKYINTVVSCLVFVLGIIGNSTLLRIYKNKCMRNGPNILIASLA LGDLLHIVIDIPINVYKLLAEDWPFGAEMCKLVPFIQKASVGITVLSLCALSIDRYRAVA SWSRIKGIGVPKWTAVEIVLIWVVSVVLAVPEAIGFDIITMDYKGSYLRICLLHPVQKTA FMQFYKTAKDWWLFSFYFCLPLAITAFFYTLMTCEMLRKKSGMQIALNDHLKQRREV</p>

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AKTVFCLVLVFALCWLPLHLRSRILKLTLYNQNDPNRCELLSFLLVLDYIGINMASLNSCI
 NPIALYLVSKRFKNCFKSCLCCWCQSFEKQSLEEKQSCLKFKANDHGVDNFRSSN
 KYSSS

Purity Greater than 90% as determined by SDS-PAGE.

Storage Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

Reconstitution Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C.

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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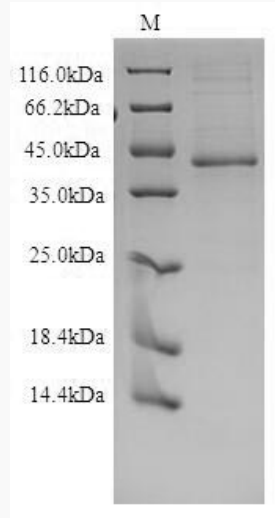
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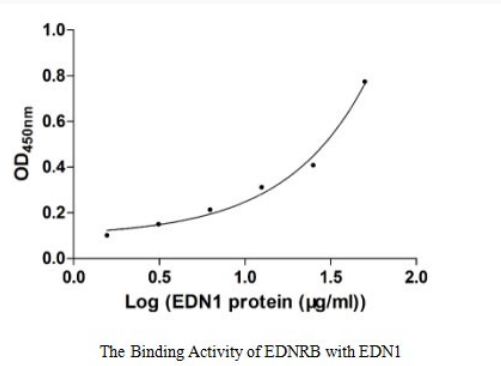
UniProt ID

P24530

SDS-PAGE



Activity



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