

Recombinant Human EDN1 protein, His-tagged

Cat. No. EDN1-35H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human EDN1(Cys53~Ser90) fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Cys53~Ser90
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	5.8kDa
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	> 90%
Applications	SDS-PAGE; WB; ELISA; IP
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and

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store at -80 centigrade for 12 months.

Reconstitution Reconstitute in PBS or others.

GENE INFORMATION

Gene Name [EDN1 endothelin 1 \[Homo sapiens \]](#)

Official Symbol [EDN1](#)

Synonyms EDN1; endothelin 1; endothelin-1; ET1; preproendothelin-1; PPET1; HDLCQ7;

Gene ID [1906](#)

mRNA Refseq [NM_001168319](#)

Protein Refseq [NP_001161791](#)

MIM

UniProt ID [P05305](#)

Chromosome Location 6p24.1

Pathway Class A/1 (Rhodopsin-like receptors), organism-specific biosystem; EGFR-dependent Endothelin signaling events, organism-specific biosystem; Endothelins, organism-specific biosystem; G alpha (q) signalling events, organism-specific biosystem; GPCR downstream signaling, organism-specific biosystem; GPCR ligand binding, organism-specific biosystem; HIF-1-alpha transcription factor network, organism-specific biosystem;

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Function

cytokine activity; endothelin A receptor binding; endothelin B receptor binding;
endothelin B receptor binding; hormone activity;

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