

## Recombinant Human EDN2, GST-tagged

Cat. No. EDN2-12283H Lot. No. (See product label)

### SPECIFICATION

**Product Overview** Recombinant Human EDN2 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.

**Species** Human

**Source** E.coli

**ProteinLength** 21-178a.a.

**Description** This gene encodes a member of the endothelin protein family of secretory vasoconstrictive peptides. The preproprotein is processed to a short mature form which functions as a ligand for the endothelin receptors that initiate intracellular signaling events. This gene product is involved in a wide range of biological processes, such as hypertension and ovulation.

**Storage** The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.

**Storage Buffer** 1M PBS (58mM Na<sub>2</sub>HPO<sub>4</sub>, 17mM NaH<sub>2</sub>PO<sub>4</sub>, 68mM NaCl, pH8. ) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

### GENE INFORMATION

**Gene Name** EDN2 endothelin 2 [ Homo sapiens ]

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<b>Official Symbol</b>	EDN2
<b>Synonyms</b>	EDN2; endothelin 2; endothelin-2; ET2; ET-2; preproendothelin 2; preproendothelin-2; PPET2;
<b>Gene ID</b>	1907
<b>mRNA Refseq</b>	NM_001956
<b>Protein Refseq</b>	NP_001947
<b>MIM</b>	131241
<b>UniProt ID</b>	P20800
<b>Chromosome Location</b>	1p34
<b>Pathway</b>	Class A/1 (Rhodopsin-like receptors), organism-specific biosystem; Direct p53 effectors, 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; Peptide ligand-binding receptors, organism-specific biosystem;
<b>Function</b>	endothelin B receptor binding; hormone activity;

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