

## Recombinant Human EDN2, His-tagged

Cat. No. EDN2-7557H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant human EDN2 protein, fused to His-tag at N-terminus, was expressed in E.coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	25-178aa
<b>Antigen Description</b>	EDN2 is 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 protein is involved in a wide range of biological processes, such as hypertension and ovulation.
<b>Form</b>	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M urea, 10% glycerol
<b>Molecular Mass</b>	19.9 kDa (177aa)
<b>AA Sequence</b>	MGSSHHHHHH SSGLVPRGSH MGSQAAATLE QPASSSHAQG THLRLRRCSC SSWLDKECVY FCHLDIIVVN TPEQTAPYGL GNPPRRRRRS LPRRCQCSSA RDPACATFCL RRPWTEAGAV PSRKSPADV FQTGKTGATTG ELLQRLRDIS TVKSLFAKRQ QEAMREPRST HSRWRKR
<b>Purity</b>	>85% as determined by SDS - PAGE

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

<b>Applications</b>	SDS-PAGE
<b>Storage</b>	Can be stored at 4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.
<b>Concentration</b>	1 mg/ml
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	EDN2 endothelin 2 [ Homo sapiens ]
<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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



signaling, organism-specific biosystem; GPCR ligand binding, organism-specific biosystem; Peptide ligand-binding receptors, organism-specific biosystem;

**Function**

endothelin B receptor binding; hormone activity;

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA