

## Native Human EDN1

Cat. No. EDN1-8305H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Native Human EDN1 was purified from Human.
<b>Species</b>	Human
<b>Description</b>	EDN1 contains 21 amino acids having a molecular mass of 2491.95 Dalton.
<b>Form</b>	The protein (1mg/ml) was lyophilized with no additives.
<b>AA Sequence</b>	Cys-Ser-Cys-Ser-Ser-Leu -Met-Asp-Lys-Glu-Cys-Val-Tyr-Phe-Cys -His-Leu-Asp-Ile-Ile-Trp
<b>Purity</b>	Greater than 95.0% as determined by RP-HPLC.
<b>Applications</b>	SDS-PAGE
<b>Storage</b>	Lyophilized EDN1 although stable at room temperature for weeks, should be stored desiccated below -18°C. Upon reconstitution EDN1 should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add carrier protein (0. 1% HSA or BSA). Please prevent freeze/thaw cycles.

### GENE INFORMATION

<b>Gene Name</b>	EDN1 endothelin 1 [ Homo sapiens ]
<b>Official Symbol</b>	EDN1

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<b>Synonyms</b>	EDN1; endothelin 1; endothelin-1; ET1; preproendothelin-1; PPET1; HDLCQ7;
<b>Gene ID</b>	<a href="#">1906</a>
<b>mRNA Refseq</b>	<a href="#">NM_001168319</a>
<b>Protein Refseq</b>	<a href="#">NP_001161791</a>
<b>UniProt ID</b>	<a href="#">P05305</a>
<b>Chromosome Location</b>	6p24.1
<b>Pathway</b>	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;
<b>Function</b>	cytokine activity; endothelin A receptor binding; endothelin B receptor binding; endothelin B receptor binding; hormone activity;

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