

Native Human EDN1

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

SPECIFICATION

Product Overview	Native Human EDN1 was purified from Human.
Species	Human
Description	EDN1 contains 21 amino acids having a molecular mass of 2491.95 Dalton.
Form	The protein (1mg/ml) was lyophilized with no additives.
AA Sequence	Cys-Ser-Cys-Ser-Ser-Leu -Met-Asp-Lys-Glu-Cys-Val-Tyr-Phe-Cys -His-Leu-Asp-Ile-Ile-Trp
Purity	Greater than 95.0% as determined by RP-HPLC.
Applications	SDS-PAGE
Storage	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

Gene Name	EDN1 endothelin 1 [Homo sapiens]
Official Symbol	EDN1

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Synonyms	EDN1; endothelin 1; endothelin-1; ET1; preproendothelin-1; PPET1; HDLCQ7;
Gene ID	1906
mRNA Refseq	NM_001168319
Protein Refseq	NP_001161791
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;
Function	cytokine activity; endothelin A receptor binding; endothelin B receptor binding; endothelin B receptor binding; hormone activity;

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