

Native Human EDN2

Cat. No. EDN2-8310H Lot. No. (See product label)

SPECIFICATION

Product Overview	Native Human EDN2 was purified from Human.
Species	Human
Description	EDN2 contains 21 amino acids having a molecular mass of 2546.97 Dalton.
Form	The protein (1mg/ml) was lyophilized with no additives.
AA Sequence	Cys-Ser-Cys-Ser-Ser-Trp -Leu-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 EDN2 although stable at room temperature for weeks, should be stored desiccated below -18°C. Upon reconstitution EDN2 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	EDN2 endothelin 2 [Homo sapiens]
Official Symbol	EDN2

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Synonyms	EDN2; endothelin 2; endothelin-2; ET2; ET-2; preproendothelin 2; preproendothelin-2; PPET2;
Gene ID	1907
mRNA Refseq	NM_001956
Protein Refseq	NP_001947
MIM	131241
UniProt ID	P20800
Chromosome Location	1p34
Pathway	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;
Function	endothelin B receptor binding; hormone activity;