

Native Human EDN3

Cat. No. EDN3-8304H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Native Human EDN3 was purified from Human.
Species	Human
Description	EDN3 contains 21 amino acids having a molecular mass of 2634.1 Dalton.
Form	The protein (1mg/ml) was lyophilized with no additives.
AA Sequence	Cys-Thr-Cys-Phe-Thr-Tyr -Lys-Asp-Lys-Glu-Cys-Val-Tyr-Tyr-Cys- His-Leu-Asp-Ile-Ile-Trp
Purity	Greater than 95.0% as determined by RP-HPLC.
Applications	SDS-PAGE
Storage	Lyophilized EDN3 although stable at room temperature for weeks, should be stored desiccated below -18°C. Upon reconstitution EDN3 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	EDN3 endothelin 3 [Homo sapiens]
Official Symbol	EDN3

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Synonyms	EDN3; endothelin 3; endothelin-3; ET3; preproendothelin-3; ET-3; WS4B; HSCR4; PPET3; MGC15067; MGC61498;
Gene ID	1908
mRNA Refseq	NM_000114
Protein Refseq	NP_000105
MIM	131242
UniProt ID	P14138
Chromosome Location	20q13.2-q13.3
Pathway	Class A/1 (Rhodopsin-like receptors), 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; Signal Transduction, organism-specific biosystem;
Function	endothelin B receptor binding; hormone activity; receptor binding;