

Recombinant Full Length Human EDN1 Protein, GST-tagged

Cat. No. EDN1-656HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human EDN1(1 a.a. - 212 a.a) fused with GST tag at N-terminal was expressed in Wheat Germ.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	212 amino acids
Description	This gene encodes a preproprotein that is proteolytically processed to generate a secreted peptide that belongs to the endothelin/sarafotoxin family. This peptide is a potent vasoconstrictor and its cognate receptors are therapeutic targets in the treatment of pulmonary arterial hypertension. Aberrant expression of this gene may promote tumorigenesis. Alternative splicing results in multiple transcript variants.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	50.8 kDa
AA Sequence	MDYLLMIFSL LFVACQGAPE TAVLGAELSA VGENGGEKPT PSPPWRLRRS KRCSCSSLMD KECVYFCHLD IIWVNTPEHV VPYGLGSPRS KRALENLLPT KATDRENRQC CASQKDKKCW NFCQAGKELR AEDIMEKDWN NHKKGKDCKS LGKKCIYQQL VRGRKIRRSS EEHLRQTRSE TMRNSVKSSF HDPKLGKNPS RERYVTHNRA HW

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Applications	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein); Antibody Production; Protein Array
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Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
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GENE INFORMATION

Gene Name	EDN1 endothelin 1 [Homo sapiens]
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Official Symbol	EDN1
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Synonyms	EDN1; endothelin 1; endothelin-1; ET1; preproendothelin-1; PPET1; HDLCQ7
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Gene ID	1906
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mRNA Refseq	NM_001168319
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Protein Refseq	NP_001161791
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MIM	131240
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UniProt ID	P05305
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