

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 LRVACQGAPE TAVLGAELSA VGENGGEKPT PSPPWRLRRS KRCSSSLMD KECVYFCHLD IIWVNTPEHV VPYGLGSPRS KRALENLLPT KATDRENRCQ CASQKDKKCW NFCQAGKELR AEDIMEKDWN NHKKGKDCSK LGKKCIYQQL VRGRKIRRSS EEHLRQTRSE TMRNSVKSSF HDPKLGKNPS RERYVTHNRA HW

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Applications Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein); Antibody Production; Protein Array

Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name EDN1 endothelin 1 [Homo sapiens]

Official Symbol EDN1

Synonyms EDN1; endothelin 1; endothelin-1; ET1; preproendothelin-1; PPET1; HDLCQ7

Gene ID 1906

mRNA Refseq NM_001168319

Protein Refseq NP_001161791

MIM 131240

UniProt ID P05305

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