Recombinant Full Length Human EDN2 Protein, GST-tagged

Cat. No. EDN2-4192HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human EDN2 full-length ORF (AAH34393, 1 a.a. - 178 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	178 amino acids
Description	This gene encodes a member of the endothelin protein family of secretory vasoconstrictive peptides. The preproprotein is processed to a short mature form which functions as a ligand for the endothelin receptors that initiate intracellular signaling events. This gene product is involved in a wide range of biological processes, such as hypertension and ovulation. Altered expression of this gene is implicated in tumorigenesis. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Oct 2014]
Molecular Mass	45.32 kDa
AA Sequence	MVSVPTTWCSVALALLVALHEGKGQAAATLEQPASSSHAQGTHLRLRRCSCSSWL DKECVYFCHLDIIWVNTPEQTAPYGLGNPPRRRRRSLPRRCQCSSARDPACATFCL RRPWTEAGAVPSRKSPADVFQTGKTGATTGELLQRLRDISTVKSLFAKRQQEAMRE PRSTHSRWRKR
Applications	Enzyme-linked Immunoabsorbent Assay

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	Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	EDN2 endothelin 2 [Homo sapiens]
Official Symbol	EDN2
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

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