

Recombinant Full Length Human EDNRA Protein, GST-tagged

Cat. No. EDNRA-4202HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human EDNRA full-length ORF (ENSP00000315011, 1 a.a. - 427 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	427 amino acids
Description	This gene encodes the receptor for endothelin-1, a peptide that plays a role in potent and long-lasting vasoconstriction. This receptor associates with guanine-nucleotide-binding (G) proteins, and this coupling activates a phosphatidylinositol-calcium second messenger system. Polymorphisms in this gene have been linked to migraine headache resistance. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Oct 2009]
Molecular Mass	75.1 kDa
AA Sequence	METLCLRASFWLALVGCVISDNPERYSTNLSNHVDDFTTFRGTELSFLVTTHQPTNL VLPSNGSMHNYCPQQTKITSAFKYINTVISCTIFIVGMVGNATLLRIIYQNKCMRNGPN ALIASLALGDLIYVVIDLPINVFKLLAGRWPFDHNDFGVFLCKLFPFLQKSSVGITVLNL CALSVDRIYRAVASWSRVQGIGIPLVTAIEIVSIWILSFILAIPEAIGFVMVPFEYRGEQH KTCMLNATSKFMEFYQDVKDWLFGFYFCMPLVCTAIFYTLMTCEMLNRRNGSLRI ALSEHLKQRREVAKTVFCLVVIFALCWFLHLSRILKKTVYNEMDKNRCELLSFLLLM DYIGINLATMNSCINPIALYFVSKKFKNCFQSCLCCECCYQSKSLMTSVPMNGTSIQWK

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	NHDQNNHNTDRSSHKDSMN
Applications	Enzyme-linked Immunoabsorbent Assay 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	EDNRA endothelin receptor type A [Homo sapiens]
Official Symbol	EDNRA
Synonyms	EDNRA; endothelin receptor type A; endothelin-1 receptor; G protein-coupled receptor; endothelin receptor subtype A; endothelin-1-specific receptor; ETA; ET-A; ETAR; ETRA; ETA-R; hET-AR;
Gene ID	1909
mRNA Refseq	NM_001166055
Protein Refseq	NP_001159527
MIM	131243

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