

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
Protein Length	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 KTCMLNATSKFMEFYQDVKDWWLFGFYFCMPLVCTAIFYTLMTCEMLNRRNGSLRI ALSEHLKQRREVAKTVFCLVVIFALCWFPPLHLSRILKKTVYNEMDKNRCELLSFLLLM DYIGINLATMNSCINPIALYFVSKKFKNCFQSCCLCCCYQSKSLMTSVPMNGTSIQWK

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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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UniProt ID

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