

Recombinant Human EDNRA Protein

Cat. No. EDNRA-22H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human EDNRA full-length ORF (ENSP00000315011) recombinant protein without tag was expressed in wheat germ. Liposomes.
Species	Human
Source	Wheat Germ
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]
Form	Liquid
Molecular Mass	48.7 kDa
AA Sequence	METLCLRASFWLALVGCVISDNPERYSTNLSNHVDDFTTFRGTELSFLVTTHQPTNL VLPSNGSMHNYCPQQTKITSAFKYINTVISCTIFIVGMVGNATLLRIIYQNKCMRNGPN ALIASLALGDLIYVVIDLPINVFKLLAGRWPFHDNDFGVFLCKLFPFLQKSSVGITVLNL CALSVDRIYRAVASWSRVQGIGIPLVTAIEIVSIWILSFILAIPEAIGFVMVPFEYRGEQH KTCMLNATSKFMEFYQDVKDWLFGFYFCMPLVCTAIFYTLMTCEMLNRRNGSLRI ALSEHLKQRREVAKTVFCLVVIFALCWFLHLSRILKKT VYNEMDKNRCELLSFLLLM DYIGINLATMNSCINPIALYFVSKKFKNCFQSCLCCECCYQSKSLMTSVPMNGTSIQWK

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NHDQNNHNTDRSSHKDSMN

Applications

Antibody Production
Functional Study
Compound Screening

Usage

Heating may cause protein aggregation. Please do not heat this product before electrophoresis.

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

25 mM Tris-HCl of pH8.0 containing 2% glycerol.

GENE INFORMATION**Gene Name**

EDNRA

Official Symbol

EDNRA endothelin receptor type A [Homo sapiens (human)]

Synonyms

EDNRA; endothelin receptor type A; ETA; ET-A; ETAR; ETRA; MFDA; ETA-R; hET-AR endothelin-1 receptor; G protein-coupled receptor; endothelin receptor subtype A; endothelin-1-specific receptor

Gene ID

1909

mRNA Refseq

NM_001957

Protein Refseq

NP_001948

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MIM	131243
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UniProt ID	P25101
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