

Recombinant Human EDNRA Protein

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

SPECIFICATION

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| 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 ALIASLALGDLIYVVIDLPINVFKLLAGRWPFDHNDFGVFLCKLFPFLQKSSVGITVLNL CALSVDRIYRAVASWSRVQGIGIPLVTAIEIVSIWILSFILAIPEAIGFVMVPFEYRGEQH KTCMLNATSKFMEFYQDVKDWLFGFYFCMPLVCTAIFYTLMTCEMLNRRNGSLRI ALSEHLKQRREVAKTVFCLVVIFALCWFPPLHLSRILKKTVYNEMDKNRCELLSFLLLM DYIGINLATMNSCINPIALYFVSKKFKNCFQSCLCCECYQSKSLMTSVPMNGTSIQWK |

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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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