

Recombinant Human EDNRA Protein, His-tagged

Cat. No. EDNRA-1405H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human EDNRA Protein (Asp21-Lys80) with N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Asp21-Lys80
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.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 10.5 kDa Accurate Molecular Mass: 12 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by

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accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Storage Buffer

100mM NaHCO₃, 500mM NaCl, pH8.3, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in 100mM NaHCO₃, 500mM NaCl (pH8.3) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name

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

Official Symbol

EDNRA

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_001166055

Protein Refseq

NP_001159527

MIM

131243

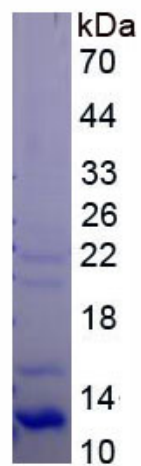
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UniProt ID

P25101

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