

Endothelin 1 (EDN1) Recombinant Protein | EDN1 recombinant protein

Recombinant Endothelin 1 (EDN1)

CATALOG # AAA135594	HOST E Coli	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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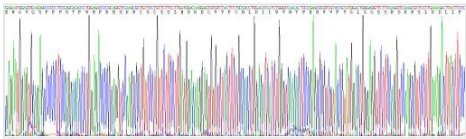
PRODUCT SYNONYMS

Endothelin 1 (EDN1); Recombinant Endothelin 1 (EDN1); EDN1 recombinant protein

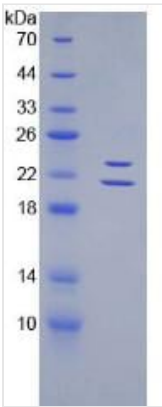
PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95%
Form/Format	Supplied as lyophilized form in PBS,pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Sequence	The target protein is fused with N-terminal His-Tag, its sequence is listed below. MGHHHH HHSSEF-EN GVQSPPPSTP WRPRRSKRCS CSSLMDKECV YFCHLDIIWV NTPERVVPYG LGGSSRSKRS LKDLLPNKAT DQAVRCQCAH QKDKKCWNFC QAGKELRAQS TMQKSLKDSK KGKPCSKLGK KCIYQQLVEG RKLRRLEAIS NSIKASFRVA KLKAELYRDQ KLTHNRAH
Sequence Length	202
Applicable Applications for EDN1 recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Organism	Mus musculus (Mouse)
Expression System	Prokaryotic expression
Residues	Glu33-His202 (Accession # P22387) with N-terminal His-Tag
Subcellular Location	Secreted
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Predicted Isoelectric Point	9.9
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Preparation and Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

IMAGES



Application Data



SDS-PAGE

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KRCSCSSLMD KECVVFCHLD IIWNTPERV VPGYLGSSR SKRSLKDLLP
NKATDQAVRC QCAHQDKKCC WNFQAGKEL RAQSTMQKSL KDSKKGKPCS
KLGKKCIYQQ LVEGRKLRLR EATISNSIKAS FRVAKLKAEL YRDQKLTHNR
AH

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Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	6753720
NCBI GeneID	13614
NCBI Accession #	NP_034234.1
NCBI GenBank Nucleotide #	NM_010104.3
UniProt Accession #	P22387; P70203; P97338
Molecular Weight	21.0kDa
NCBI Official Full Name	endothelin-1
NCBI Official Synonym Full Names	endothelin 1
NCBI Official Symbol	Edn1
NCBI Official Synonym Symbols	ET-1; preproET
NCBI Protein Information	endothelin-1; PPET1; preproendothelin; preproendothelin-1
UniProt Protein Name	Endothelin-1
UniProt Gene Name	Edn1
UniProt Synonym Gene Names	ET-1; PPET1
UniProt Entry Name	EDN1_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.