

Endothelin-1 (EDN1) Active Protein | EDN1 active protein

Recombinant Human Endothelin-1 (EDN1), partial (Active)

CATALOG #
AAA279254

HOST
E coli

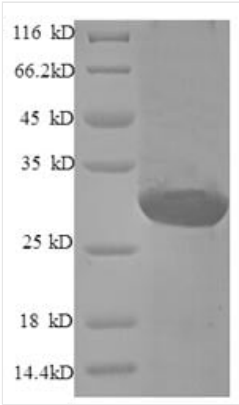
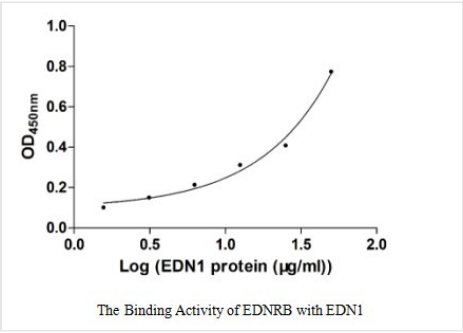
PRODUCT SYNONYMS

Endothelin-1 (EDN1); Recombinant Human Endothelin-1 (EDN1); partial (Active); Preproendothelin-1; PPET1; EDN1 active protein

PRODUCT SPECIFICATIONS

Host	E coli
Purity/Purification	Greater than 90% as determined by SDS-PAGE.
Form/Format	Liquid or Lyophilized powder If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.
Sequence Positions	53-73aa; Partial
Sequence	CSCSSLMDKE CVYFCHLDII W\$
Species	Homo sapiens (Human)
Tag	N-terminal GST-tagged
Research Area	Signal Transduction
Biological Activity	Measured by its binding ability in a functional ELISA. Immobilized EDNRB at 5 ug/ml can bind human EDN1 with a linear range of 6.25-25.00 ug/ml.
Preparation and Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 degree C/-80 degree C. The shelf life of lyophilized form is 12 months at -20 degree C/-80 degree C. Repeated freezing and thawing is not recommended. Store working aliquots at 4 degree C for up to one week. We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20 degree C/-80 degree C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

IMAGES



Bioactivity
Measured by its binding ability in a functional ELISA. Immobilized EDNRB at 5 ?g/ml can bind human EDN1 with a linear range of 6.25-25.00 ?g/ml.

SDS-PAGE
Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

ADDITIONAL INFORMATION

Related Product Information for EDN1 active protein	Endothelins are endothelium-derived vasoconstrictor peptides.
Product Categories/Family for EDN1 active protein	Active Protein & In Stock Protein

NCBI AND UNIPROT INFORMATION

NCBI GI #	556203
NCBI GeneID	1906
UniProt Accession #	P05305; Q96DA1
Molecular Weight	24,425 Da
NCBI Official Full Name	endothelin-1
NCBI Official Synonym Full Names	endothelin 1
NCBI Official Symbol	EDN1
NCBI Official Synonym Symbols	ET1; PPET1; HDLCQ7
NCBI Protein Information	endothelin-1; preproendothelin-1
UniProt Protein Name	Endothelin-1
UniProt Gene Name	EDN1
UniProt Synonym Gene Names	PPET1; ET-1
UniProt Entry Name	EDN1_HUMAN

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.

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Online datasheet: <https://stage.aaabiotech.com/e-coli-active-protein/endothelin-1-edn1/279254>