

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

Recombinant Human Endothelin-1 (EDN1) (Active)

|                               |                                                                 |
|-------------------------------|-----------------------------------------------------------------|
| CATALOG #<br><b>AAA113186</b> | HOST<br><b>E Coli or Yeast or Baculovirus or Mammalian Cell</b> |
|-------------------------------|-----------------------------------------------------------------|

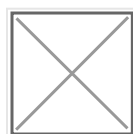
### PRODUCT SYNONYMS

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

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                    | E Coli or Yeast or Baculovirus or Mammalian Cell                                                                                                                                                                                                                                                                                                                                                                          |
| Purity/Purification     | Greater than 90% as determined by SDS-PAGE.                                                                                                                                                                                                                                                                                                                                                                               |
| Form/Format             | Liquid or Lyophilized powder<br>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; Full Length                                                                                                                                                                                                                                                                                                                                                                                                      |
| Sequence                | CSCSSLMDKE CVYFCHLDII W                                                                                                                                                                                                                                                                                                                                                                                                   |
| Sequence Length         | 212                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Species                 | Human                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Tag                     | N-terminal GST-tagged                                                                                                                                                                                                                                                                                                                                                                                                     |
| Endotoxin               | Not test.                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 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.                                                                                                                                                                                                                                                                          |
| Reconstitution          | 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. |
| Preparation and Storage | Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.                                                                                                                                                                                                                                                                                                                                    |

### IMAGES



#### 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   | <a href="#">Signal Transduction</a>                           |

NCBI AND UNIPROT INFORMATION

|                                  |                                 |
|----------------------------------|---------------------------------|
| NCBI GI #                        | 556203                          |
| NCBI GeneID                      | 1906                            |
| UniProt Accession #              | P05305                          |
| Molecular Weight                 | 29.5 kDa                        |
| NCBI Official Full Name          | endothelin-1                    |
| NCBI Official Synonym Full Names | endothelin 1                    |
| NCBI Official Symbol             | EDN1                            |
| NCBI Official Synonym Symbols    | ET1; QME; PPET1; ARCND3; HDLCQ7 |
| NCBI Protein Information         | endothelin-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-or-yeast-or-baculovirus-or-mammalian-cell-active-protein/endothelin-1-edn1/113186>