

Endothelin-3 (EDN3) Recombinant Protein | EDN3 recombinant protein

Recombinant Human Endothelin-3 (EDN3), partial

CATALOG # AAA116039	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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PRODUCT SYNONYMS

Endothelin-3 (EDN3); Recombinant Human Endothelin-3 (EDN3); partial; EDN3 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	97-117aa; Full Length of Mature Protein
Sequence	CTCFTYKDKE CVYYCHLDII W
Species	Human
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

ADDITIONAL INFORMATION

Related Product Information for EDN3 recombinant protein	This protein is a member of the endothelin family. Endothelins are endothelium-derived vasoactive peptides involved in a variety of biological functions. The active form of this protein is a 21 amino acid peptide processed from the precursor protein. The active peptide is a ligand for endothelin receptor type B (EDNRB). The interaction of this endothelin with EDNRB is essential for development of neural crest-derived cell lineages, such as melanocytes and enteric neurons. Mutations in this gene and EDNRB have been associated with Hirschsprung disease (HSCR) and Waardenburg syndrome (WS), which are congenital disorders involving neural crest-derived cells. Four alternatively spliced transcript variants encoding three distinct isoforms have been observed.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	698848571
NCBI GeneID	1908
NCBI Accession #	NP_001289384.1
NCBI GenBank Nucleotide #	NM_001302455.1
UniProt Accession #	P14138; Q03229; Q7Z6D2; Q9UGT7; E1P5I5
Molecular Weight	23,596 Da
NCBI Official Full Name	endothelin-3 isoform 4 preproprotein
NCBI Official Synonym Full Names	endothelin 3
NCBI Official Symbol	EDN3
NCBI Official Synonym Symbols	ET3; ET-3; WS4B; HSCR4; PPET3
NCBI Protein Information	endothelin-3

UniProt Protein Name	Endothelin-3
UniProt Gene Name	EDN3
UniProt Synonym Gene Names	ET-3; PPET3

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/edn3-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/116039>