

Recombinant human Endothelin 3/EDN3 protein

Catalog Number: ATGP2954

PRODUCT INFORMATION

Expression system

E.coli

Domain

26-238aa

UniProt No.

P14138

NCBI Accession No.

NP_996917

Alternative Names

Endothelin 3 isform1, ET-3, ET3, HSCR4, PPET3, WS4B

PRODUCT SPECIFICATION

Molecular Weight

25.2 kDa (236aa) confirmed by MALDI-TOF

Concentration

0.25mg/ml (determined by Bradford assay)

Formulation

Liquid in. Phosphate-Buffered Saline (pH 7.4) 10% glycerol

Purity

> 85% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description

EDN3, also known as Endothelin 3, is endothelium-derived vasoconstrictor peptides. Recombinant human EDN3, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.

Amino acid Sequence

MGSSHHHHHH SGLVPRGSH MGS GDAGRRG VSQAPTAARS EGDCEETVAG PGEETVAGPG EGTVAPTALQ
GPSPGSPGQE QAAEGAPEHH RSRRCTCFTY KDKECVVYCH LDIIWINTPE QTVPYGLSNY RGSFRGKRSA GPLPGNLQLS

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HRPHLRCACV GRYDKACLHF CTQTLDVSSN SRTAEKTDKE EEGKVEVKDQ QSKQALDLHH PKLMPGSGLA LAPSTCPRCL
FQEGAP

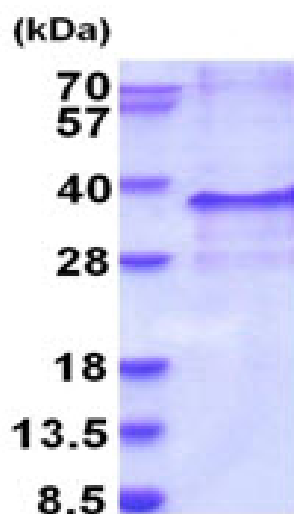
General References

Lee S., et al. (1999) Blood. 94:1440-1450

Bolk S., et al. (1996) Nat. Genet. 13:395-396

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

15% SDS-PAGE (3ug)