

AR50825PU-N

Human Endothelin-2 (25-178, His-tag) - Purified

Alternate names:

EDN2, PPET2, Preproendothelin-2

Quantity:

0.5 mg

Concentration:

1 mg/ml (determined by Bradford assay)

Background:

EDN2 is a member of the endothelin protein family of secretory vasoconstrictive peptides. The preproprotein is processed to a short mature form which functions as a ligand for the endothelin receptors that initiate intracellular signaling events. This protein is involved in a wide range of biological processes, such as hypertension and ovulation.

Uniprot ID:

[P20800](#)

NCBI:

[NP_001947](#)

GeneID:

[1907](#)

Species:

Human

Source:

E. coli

Format:

State: Liquid purified protein

Purity: >85% by SDS - PAGE

Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.4M urea, 10% glycerol

Description:

Recombinant human EDN2 protein, fused to His-tag at N-terminus, was expressed in E.coli.

AA Sequence:

MGSSHHHHH SGLVPRGSH MGSQAAATLE QPASSSHAQG THLRLRRCSC SSWLDKECVY
FCHLDIIWVN TPEQTAPYGL GNPPRRRRRS LPRRCQCSSA RDPACATFCL RRPWTEAGAV
PSRKSPADV FQTGKTGATTG ELLQRLRDIS TVKSLFAKRQ QEAMREPRST HSRWRKR

Molecular weight: 19.9 kDa (177aa)

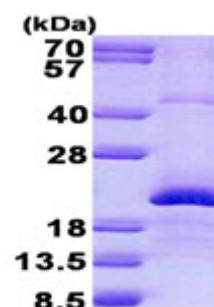
Storage:

Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.

General Readings:

Bourgeois C., et al. (1997) J. Clin. Endocrinol. Metab. 82:3116-3123 Ohkubo S., et al. (1990) FEBS Lett. 274:136-140

Pictures:



15% SDS-PAGE (3ug)