

Product datasheet for AR50825PU-N

OriGene Technologies, Inc.

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

Product data:

Product Type: Recombinant Proteins

Description: Endothelin-2 (25-178, His-tag) human recombinant protein, 0.5 mg

Species: Human
Expression Host: E. coli

Expression cDNA Clone

or AA Sequence:

MGSSHHHHHH SSGLVPRGSH MGSQAAATLE QPASSSHAQG THLRLRRCSC SSWLDKECVY FCHLDIIWVN TPEQTAPYGL GNPPRRRRRS LPRRCQCSSA RDPACATFCL RRPWTEAGAV

PSRKSPADVF QTGKTGATTG ELLQRLRDIS TVKSLFAKRQ QEAMREPRST HSRWRKR

Tag: His-tag
Predicted MW: 19.9 kDa
Concentration: lot specific

Purity: >85% by SDS - PAGE

Buffer: Presentation State: This purified protein is available in a denatured form, making it less

suitable for functional studies. Denatured proteins are better suited for applications like

Western Blot (WB) or imaging assays.

State: Liquid purified protein

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

Preparation: Liquid purified protein

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

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.

Stability: Shelf life: one year from despatch.

RefSeg: NP 001289198

 Locus ID:
 1907

 UniProt ID:
 P20800

 Cytogenetics:
 1p34.2

Synonyms: EDN2, Preproendothelin-2, PPET2





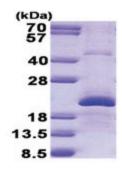
Summary:

This gene encodes 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 gene product is involved in a wide range of biological processes, such as hypertension and ovulation. Altered expression of this gene is implicated in tumorigenesis. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Oct 2014]

Protein Families:

Druggable Genome, Secreted Protein

Product images:



15% SDS-PAGE (3ug)