

Product datasheet for AR51743PU-N

OriGene Technologies, Inc.

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Proepiregulin (63-108, His-tag) Human Protein

Product data:

Product Type: Recombinant Proteins

Description: Proepiregulin (63-108, His-tag) human recombinant protein, 0.5 mg

Species: Human
Expression Host: E. coli

Expression cDNA Clone MGSSHHHHHH SSGLVPRGSH MGSVSITKCS SDMNGYCLHG QCIYLVDMSQ NYCRCEVGYT

or AA Sequence: GVRCEHFFL

Tag: His-tag
Predicted MW: 7.7 kDa
Concentration: lot specific

Purity: >80% by SDS - PAGE

Buffer: Presentation State: Purified

State: Liquid purified protein

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

Preparation: Liquid purified protein

Protein Description: Recombinant human EREG 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.

RefSeq: NP 001423

 Locus ID:
 2069

 UniProt ID:
 014944

 Cytogenetics:
 4q13.3

 Synonyms:
 Ep; EPR; ER





Summary: This gene encodes a secreted peptide hormone and member of the epidermal growth factor

(EGF) family of proteins. The encoded protein is a ligand of the epidermal growth factor receptor (EGFR) and the structurally related erb-b2 receptor tyrosine kinase 4 (ERBB4). The encoded protein may be involved in a wide range of biological processes including inflammation, wound healing, oocyte maturation, and cell proliferation. Additionally, the

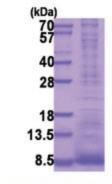
encoded protein may promote the progression of cancers of various human tissues.

[provided by RefSeq, Jul 2015]

Protein Families: Secreted Protein, Transmembrane

Protein Pathways: ErbB signaling pathway

Product images:



15% SDS-PAGE (3ug)