

## Product datasheet for **AR51743PU-S**

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

#### Product data:

Product Type:	Recombinant Proteins
Description:	Proepiregulin (63-108, His-tag) human recombinant protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSVSITKCS SDMNGYCLHG QCIYLVDM SQ NYCRCVEGYT 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:	<a href="#">NP_001423</a>
Locus ID:	2069
UniProt ID:	<a href="#">O14944</a>
Cytogenetics:	4q13.3
Synonyms:	Ep; EPR; ER



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**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:**