

EREG recombinant protein

EREG, 63-108aa, Human, His tag, E Coli (Denatured)

CATALOG # AAA48897	HOST E Coli	APPLICATIONS SDS-Page
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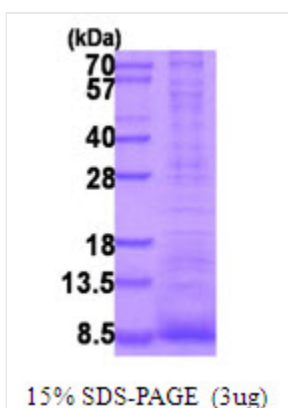
PRODUCT SYNONYMS

EREG; 63-108aa; Human; His tag; E Coli (Denatured); Proepiregulin; ER; EREG recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 80% by SDS-PAGE
Form/Format	Liquid. 20mM Tris-HCl Buffer (pH 8.0) containing 10% glycerol
Concentration	0.5 mg/ml (determined by Bradford assay) (varies by lot)
Sequence	MGSSHHHHHH SSGLVPRGSH MGSVSITKCS SDMNGYCLHG QCIYLVDSMQ NYCRCVEGYT GVRCEHFFL
Sequence Length	169
Applicable Applications for EREG recombinant protein	SDS-PAGE
Antigen Species	Human
Tag Information	His-tag
Preparation and Storage	Can be stored at 4 degree C short term (1-2 weeks). For long term storage, aliquot and store at -20 degree C or -70 degree C. Avoid repeated freezing and thawing cycles.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for EREG recombinant protein	EREG, also known as epiregulin, is a member of the epidermal growth factor family. It can function as a ligand of EGFR (epidermal growth factor receptor), as well as a ligand of most members of the ERBB (v-erb-b2 oncogene homolog) family of tyrosine-kinase receptors. It may be a mediator of localized cell proliferation. As a mitogen it may stimulate cell proliferation and/or angiogenesis. Recombinant human EREG protein, fused to His-tag at N-terminus, was expressed in E Coli.
Product Categories/Family for EREG recombinant protein	Hormones & Cytokines
References	Yun J. et al. (2012) Lab Invest. 92:1033-1044.; Thuong NT. et al. (2012) Genes Immun. 13:275-281.;

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557567
NCBI GeneID	2069
NCBI Accession #	NP_001423
NCBI GenBank Nucleotide #	NM_001432.2
UniProt Accession #	O14944; Q6FH69; B2RC66
Molecular Weight	7.7 kDa (69aa)
NCBI Official Full Name	proepiregulin preproprotein
NCBI Official Synonym Full Names	epiregulin
NCBI Official Symbol	EREG
NCBI Official Synonym Symbols	ER; Ep; EPR
NCBI Protein Information	proepiregulin
UniProt Protein Name	Proepiregulin
UniProt Gene Name	EREG
UniProt Synonym Gene Names	EPR

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/ereg-recombinant-protein-e-coli-sds-page/48897>