

Epidermal Growth Factor (EGF) Recombinant Protein | EGF recombinant protein

Recombinant Epidermal Growth Factor (EGF)

CATALOG # AAA134571	HOST E Coli	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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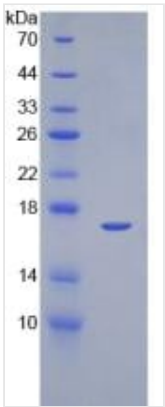
PRODUCT SYNONYMS

Epidermal Growth Factor (EGF); Recombinant Epidermal Growth Factor (EGF); EGF recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95%
Form/Format	Supplied as lyophilized form in PBS,pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Sequence	Thetargetp roteinisfu sedwithN-t erminalHis -Tag,itsse quenceisli stedbelow. MGHHHH HHS GSEF-AK RLFWTDGTIN PRIESSSLQG LGRLVIASSD LIWPSGITID FLTDKLYWCD AKQSVIEMAN LDGSKRRRLT QNDVGHPFAV AVFEDYVWFS DWAMPSVMRV NKRTGKDRVR LQGSMLKPSS LVVVHPLAKP GADPCLYQNG G
Sequence Length	1166
Applicable Applications for EGF recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Organism	Homo sapiens (Human)
Expression System	Prokaryotic expression
Residues	Ala609–Gly751 (Accession # P01133) with N-terminal His-Tag
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Preparation and Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate of the targetprotein. The loss rate was determined by accelerated thermal degradation test,that is, incubate the protein at 37 degree C for 48h, and no obvious degradation andprecipitation were observed. (Referring from China Biological Products Standard,which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

IMAGES



Sequence

AK RLFWTDGTGIN PRIESSSLQG LGRLLVIASSD LIWPSGITID
FLTDKLYWCD AKQSVIEMAN LDGSKRRRLT QNDVGHFPAV AVFEDYVWFS
DWAMPSVMRV NKRTGKDRVR LQGSMLKPSS LVVVHPLAKP GADPCLYQNG
G

SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	296011013
NCBI GeneID	1950
NCBI Accession #	NP_001171601.1
NCBI GenBank Nucleotide #	NM_001178130.1
UniProt Accession #	P01133; Q52LZ6; B4DRK7; E7EVD2; E9PBF0
Molecular Weight	17.5kDa
NCBI Official Full Name	pro-epidermal growth factor isoform 2 preproprotein
NCBI Official Synonym Full Names	epidermal growth factor
NCBI Official Symbol	EGF
NCBI Official Synonym Symbols	URG; HOMG4
NCBI Protein Information	pro-epidermal growth factor; beta-urogastrone
UniProt Protein Name	Pro-epidermal growth factor
UniProt Gene Name	EGF
UniProt Synonym Gene Names	EGF
UniProt Entry Name	EGF_HUMAN

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/egf-recombinant-protein-e-coli-ip-immunoprecipitation-elisa-wb-western-blot-sds-page/134571>