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

Recombinant Epidermal Growth Factor (EGF)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA148324	**E Coli**	**Mouse**	**Western Blot, SDS-Page**

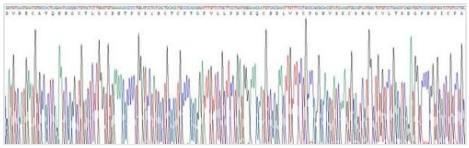
PRODUCT SYNONYMS

Epidermal Growth Factor (EGF); Recombinant Epidermal Growth Factor (EGF); URG; Beta-Urogastrone; Pro-epidermal growth factor; EGF recombinant protein

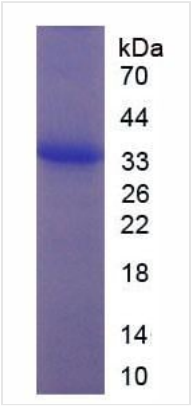
PRODUCT SPECIFICATIONS

Host	E Coli
Reactivity	Mouse
Purity/Purification	> 95%
Form/Format	Freeze-dried powder
Sequence Length	1217
Applicable Applications for EGF recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Expression System	Prokaryotic expression
Tag	Two N-terminal Tags, His-tag and SUMO-tag
Buffer Formulation	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Fragment	Asp362~Ala483
Isoelectric Point	5.4

IMAGES



Application Data



SDS-PAGE

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            DVNECATQN HGCTLGCENT PGSYHCTCPT GFVLLPDGKQ
CHELVSCPGN VSKCSHGCVL TSDGPRCICP AGSVLGRDGK TCTGCSSPDN
GGCSQICLPL RPGSWECDCF PGYDLQSDRK SCA
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Sequence

ADDITIONAL INFORMATION

Product Categories/Family for EGF recombinant protein	Cytokine; Tumor immunity; Infection immunity

NCBI AND UNIPROT INFORMATION

NCBI GI #	170172524
NCBI GeneID	13645
NCBI Accession #	NP_034243.2
NCBI GenBank Nucleotide #	NM_010113.4
UniProt Accession #	P01132; Q569W5; Q6P9J2; E9QNX6
Molecular Weight	Predicted Molecular Weight: 26.4kDa Accurate Molecular Weight: 35kDa
NCBI Official Full Name	pro-epidermal growth factor isoform 1 preproprotein
NCBI Official Synonym Full Names	epidermal growth factor
NCBI Official Symbol	Egf
NCBI Official Synonym Symbols	AI790464
NCBI Protein Information	pro-epidermal growth factor
UniProt Protein Name	Pro-epidermal growth factor
UniProt Gene Name	**Egf**
UniProt Synonym Gene Names	EGF

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-wb-western-blot-sds-page-immunogen-positive-control/148324