

Recombinant Pig EGF protein, His-tagged

Cat. No. EGF-2815P **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Pig EGF aa. (Ala45~His275) fused with N-terminal His tag was produced in E. coli cells.
Species	Pig
Source	E.coli
ProteinLength	Ala45~His275
Form	Freeze-dried powder
Molecular Mass	33kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>98%
Characteristic	The isoelectric point is 5.8.
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

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Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	10mM PBS, pH7.4, containing 1mM DTT, 5% trehalose, 0.01% sarcosyl and Proclin300.
Reconstitution	Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

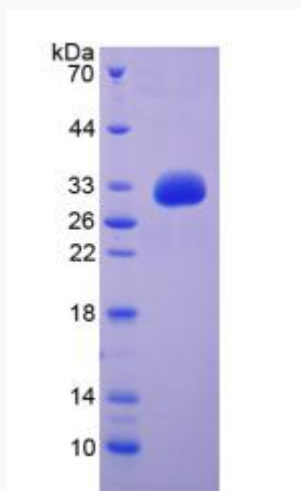
Gene Name	EGF epidermal growth factor [<i>Sus scrofa</i> (pig)]
Official Symbol	EGF
Synonyms	pro-epidermal growth factor
Gene ID	397083
mRNA Refseq	NM_214020.1
Protein Refseq	NP_999185.1
UniProt ID	Q00968

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SDS-PAGE



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