

Recombinant Dog EGF protein, His-tagged

Cat. No. EGF-2811D Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Dog EGF aa. (Ala611~Gly753 (Accession # Q9BEA0)) fused with N-terminal His tag was produced in E. coli cells.
Species	Dog
Source	E.coli
ProteinLength	Ala611~Gly753
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 17.5kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 9.3.
Applications	SDS-PAGE; WB; ELISA; IP.
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	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

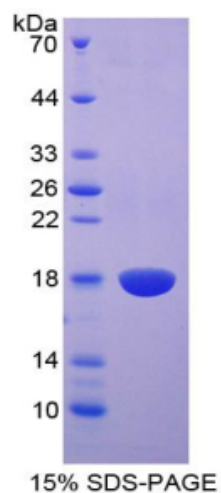
Gene Name	EGF epidermal growth factor [<i>Canis lupus familiaris</i> (dog)]
Official Symbol	EGF
Synonyms	CEGF; epidermal growth factor (beta-urogastrone); pro-epidermal growth factor
Gene ID	403657
mRNA Refseq	NM_001003094.1
Protein Refseq	NP_001003094.1
UniProt ID	Q9BEA0

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SDS-PAGE



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