SunLong Biotech Co.,LTD
Tel: 0086-571-56623320 Fax:0086-571-56623318
E-mail:sales@sunlongbiotech.com
www.sunlongbiotech.com

Recombinant Epidermal Growth Factor (EGF)

Catalog Number: SIPA146Hu01 **Spec: 10ug**

Product Name	Recombinant Epidermal Growth Factor (EGF)
Catalog Number	SIPA146Hu01
Organism Species	Human
Source	Prokaryotic expression
Host	E.coli
Residues	Ala609~Gly751
Tags	N-terminal His Tag
Subcellular Location	Membrane
Purity	> 90%
Traits	Freeze-dried powder
Buffer formulation	PBS, pH7.4, containing 0.01% Sarcosyl, 5% Trehalose.
Original Concentration	200μg/mL
Applications	Positive Control; Immunogen; SDS-PAGE; WB. (May be suitable for use in other assays to be determined by the end user.)
Predicted isoelectric point	9.0
Predicted Molecular Mass	17.3kDa
Accurate Molecular Mass	17kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8ºC for one month.

Aliquot and store at -80ºC for 12 months.

Stability Test: The thermal stability is described by the loss rate. The loss rate was determined

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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.

[SEQUENCE]

AK RLFWTDTGIN PRIESSSLQG LGRLVIASSD LIWPSGITID
FLTDKLYWCD AKQSVIEMAN LDGSKRRRLT QNDVGHPFAV AVFEDYVWFS
DWAMPSVMRV NKRTGKDRVR LQGSMLKPSS LVVVHPLAKP GADPCLYQNG
G

[IDENTIFICATION]

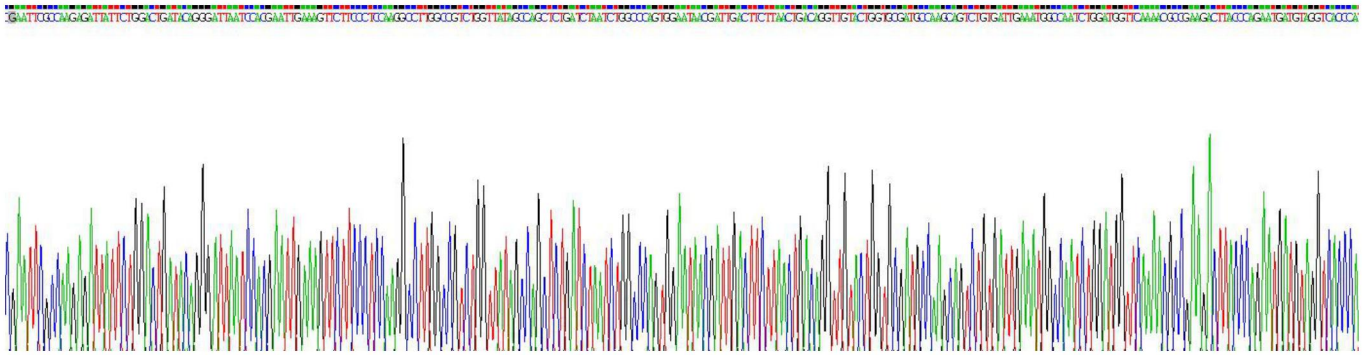


Figure . Gene Sequencing (extract)

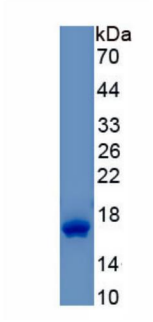


Figure. SDS-PAGE

[IMPORTANT NOTE]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.