

# Recombinant Human Amphiregulin/AREG Protein

Catalog No.: RP00898 **Recombinant**

## Sequence Information

Species	Gene ID	Swiss Prot
Human	374	P15514

### Tags

No tag

### Synonyms

AREG;AR;AREGB;CRDGF;SDGF;amphiregulin

## Product Information

Source	Purification
<i>E. coli</i>	> 95% by SDS-PAGE.

Calculated MW	Observed MW
11.4 kDa	16 kDa

### Endotoxin

< 1 EU/μg of the protein by LAL method.

### Formulation

Lyophilized from a 0.2 μm filtered solution of 20mM PB,150mM NaCl,pH7.4.Contact us for customized product form or formulation.

### Reconstitution

Centrifuge the tube before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

## Contact

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## Background

### Basic Information

#### Description

Recombinant Human Amphiregulin/AREG Protein is produced by *E. coli* expression system. The target protein is expressed with sequence (Ser101-Lys198) of Human Amphiregulin/AREG (Accession #P15514) fused with an initial Met at the N-terminus.

#### Bio-Activity

Measured in a cell proliferation assay using Balb/3T3 mouse embryonic fibroblast cells. The ED<sub>50</sub> for this effect is 5-15 ng/mL.

#### Storage

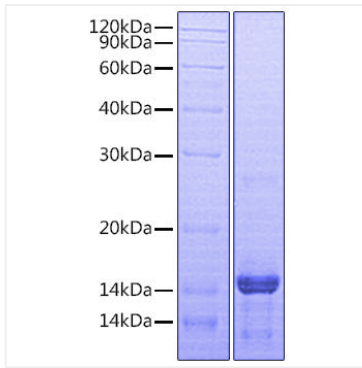
Store at -20°C.Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt.

After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

Avoid repeated freeze/thaw cycles.

## Validation Data

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Recombinant Human  
Amphiregulin/AREG/AREGB/CRDGF/SDGF/AR  
Protein was determined by SDS-PAGE under  
reducing conditions with Coomassie Blue.