

Recombinant Human Amphiregulin/AREG Protein

Catalog No.: RP00898 **Recombinant**

Sequence Information

Species *E. coli* **Gene ID** 374 **Swiss Prot** P15514

Tags

No tag

Synonyms

AREG;AR;AREGB;CRDGF;SDGF;amphiregulin

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 ED₅₀ for this effect is 5-15 ng/mL.

Shipping

The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

Operational Notes

For your safety and health, please wear a lab coat and disposable gloves for handling.

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.

Product Information

Source

E. coli

Purification

≥ 95 % as determined by SDS-PAGE.

Endotoxin

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

Formulation

Lyophilized from a 0.2 μm filtered solution of 20mM PB, 150mM NaCl, pH 7.4. Contact us for customized product form or formulation.

Reconstitution

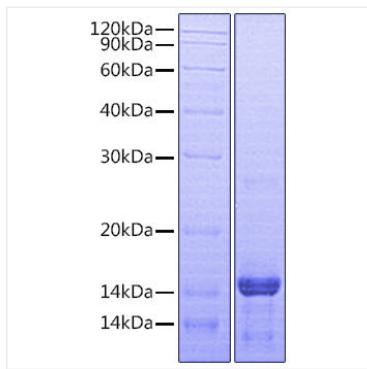
Centrifuge the tube before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot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

Contact



www.abclonal.com

Validation Data



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