

Recombinant Human Amphiregulin/AREG/AREGB/CRDGF/SDGF/AR 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.

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 freeze-thaw cycles.

Background

Basic Information

Description

Recombinant Human Amphiregulin/AREG/AREGB/CRDGF/SDGF/AR Protein is produced by *E. coli* expression system. The target protein is expressed with sequence (Ser101-Lys198) of human Amphiregulin/AREG/AREGB/CRDGF/SDGF/AR (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.

Storage

Store the lyophilized protein at -20°C to -80 °C for long term. 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.

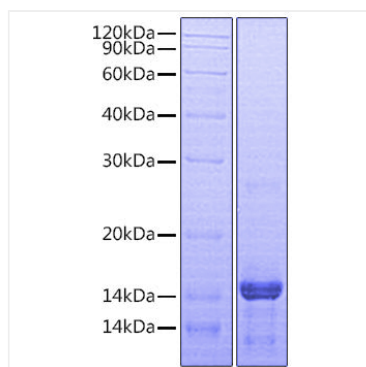
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Validation Data



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