Recombinant Human Amphiregulin/AREG Protein

Catalog No.: RP00898

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Sequence Information

Species
Human

Gene ID
374

Swiss Prot
P15514

Tags
No tag

Synonyms
AREG,AR,AREGB,CRDGF,SDGF, amphiregulin

Product Information

Source
E. coli

Purification
≥ 95 % as determined by SDS-PAGE.

Calculated MW
11.4 kDa

Observed MW
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 stablizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

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.

Activity
Measured in a cell proliferation assay using Balb/3T3 mouse embryonic fibroblast cells. The ED_{50} for this effect is 5-15 ng/mL.

Shipping
Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

Storage
Store at -20℃

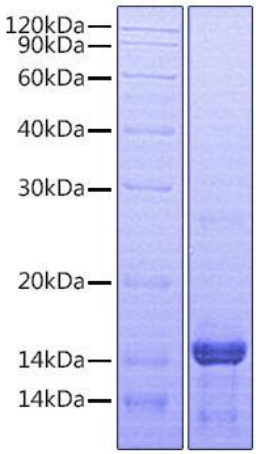
Operational Notes
For your safety and health, please wear a lab coat and disposable gloves for handling.

Contact

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Validation Data



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

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