

Active Recombinant Human AREG Protein

Cat. No. AREG-7291H Lot. No. (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human AREG Protein(P15514)(Ser101-Lys198) is expressed in E.coli, fused with an initial Met at the N-terminus.
Species	Human
Source	E.coli
ProteinLength	101-198 aa
Form	Lyophilized from a 0.2 µm filtered solution of 20mM PB,150mM NaCl,pH7.4.Contact us for customized product form or formulation.
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.
Molecular Mass	11.4 kDa
Endotoxin	< 1 EU/µg of the protein by LAL method.
Purity	≥ 95 % as determined by SDS-PAGE.
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.

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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.

GENE INFORMATION

Gene Name [AREG amphiregulin \[Homo sapiens \]](#)

Official Symbol [AREG](#)

Synonyms AREG; amphiregulin; schwannoma derived growth factor , SDGF; schwannoma-derived growth factor; colorectum cell-derived growth factor; AR; SDGF; AREGB; CRDGF; MGC13647;

Gene ID [374](#)

mRNA Refseq [NM_001657](#)

Protein Refseq [NP_001648](#)

MIM [104640](#)

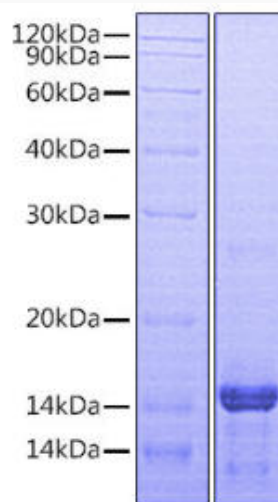
UniProt ID [P15514](#)

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SDS-PAGE



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