

Recombinant Human AREG protein, GST-tagged

Cat. No. AREG-1221H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human AREG protein(25-252 aa), fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	25-252 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 100mM GSH.
AA Sequence	AGLDLNDTYSKGREPFSGDHSADGFEVTSRSEMSSGSEISPVSEMPSSSEPSSGAD YDYSEEYDNEPQIPGYIVDDSVRVEQVVKPPQNKTESENTSDKPKRKKKGGKNGKN RRNRKKKNPCNAEFQNFCHGECKYIEHLEAVTCKCQQEYFGERCGEKSMKTHSMI DSSLSKIALAAIAAFMSAVILTAVAVITVQLRRQYVRKYEGEAEERKKLRQENGNVHAI A
Purity	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage.

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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