

## Recombinant Human AREG protein, GST-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human AREG protein(25-252 aa), fused to GST tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	25-252 aa
<b>Form</b>	The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 100mM GSH.
<b>AA Sequence</b>	AGLDLNDTYSKGREPFSGDHSADGFEVTSRSEMSSGSEISPVSEMPSSSEPSSGAD YDYSEEYDNEPQIPGYIVDDSVRVEQVVKPPQNKTESENTSDKPKRKKKGGKNGKN RRNRKKKNPCNAEFQNFNCIHGECKYIEHLEAVTCKCQQEYFGERCGEKSMKTHSMI DSSLSKIALAAIAAFMSAVILTAVAVITVQLRRQYVRKYEGEAEERKKLRQENGNVHAI A
<b>Purity</b>	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
<b>Storage</b>	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.
<b>Reconstitution</b>	Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.

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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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