

Recombinant Mouse Areg protein, hFc-tagged

Cat. No. Areg-5643M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Areg protein(P31955)(Val100-Ala248), fused with N-terminal hFc tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	Val100-Ala248
Tag	N-hFc
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Molecular Mass	The protein has a predicted MW of 38.6 kDa. Due to glycosylation, the protein migrates to 45-50 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE;> 95% as determined by HPLC
Storage	Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
Reconstitution	Centrifuge tubes before opening. Reconstituting to a concentration more than 100

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

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

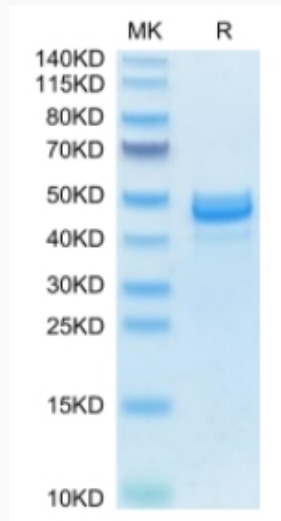
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µg/ml is recommended. Dissolve the lyophilized protein in distilled water.

GENE INFORMATION

Gene Name	Areg amphiregulin [<i>Mus musculus</i>]
Official Symbol	Areg
Synonyms	AREG; amphiregulin; schwannoma-derived growth factor; AR; Sdgf;
Gene ID	11839
mRNA Refseq	NM_009704
Protein Refseq	NP_033834

Tris-Bis PAGE



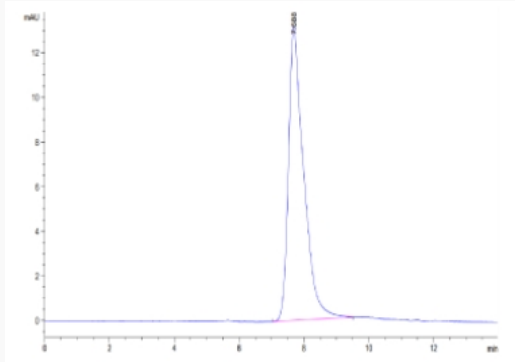
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SEC-HPLC



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