

Recombinant Rat Areg protein, His & T7-tagged

Cat. No. Areg-517R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Areg (P24338) aa. (Val97~Ala243) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Val97~Ala243
Description	May act as a growth factor during central nervous system development.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 20.5kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	> 95%
Characteristic	The isoelectric point is 9.9.
Applications	SDS-PAGE; WB; ELISA; IP
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h,

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

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and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

Storage buffer

PBS, pH7.4, containing 5% sucrose, 0.01% sarcosyl.

Reconstitution

Reconstitute in sterile PBS, pH7.2-pH7.4

GENE INFORMATION

Gene Name

Areg amphiregulin [*Rattus norvegicus* (Norway rat)]

Official Symbol

Areg

Synonyms

Areg; amphiregulin; AR; SDGF; schwannoma-derived growth factor

Gene ID

29183

mRNA Refseq

NM_017123.1

Protein Refseq

NP_058819.1

UniProt ID

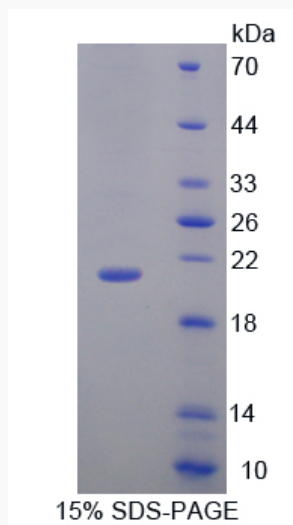
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SDS-PAGE



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