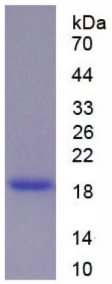
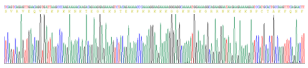
Mouse Amphiregulin (AREG) Protein

Catalogue No.:abx652492



SDS-PAGE analysis of recombinant Mouse AREG Protein.



Gene sequencing extract of recombinant Mouse AREG Protein.

Mouse Amphiregulin (AREG) Protein is a Recombinant Mouse protein expressed in E. coli.

Target:	Amphiregulin (AREG)
Research Area:	Tumor Immunity
Origin:	Mouse
Expression:	Recombinant
Tested Applications:	WB, SDS-PAGE
Host:	E. coli
Conjugation:	Unconjugated
Form:	Lyophilized
Activity:	Not tested
Purity:	> 90%
Reconstitution:	Reconstitute in ddH_2O to a concentration between 0.1-1.0 mg/ml. Do not vortex.

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Storage:	Store at 2-8°C for up to one month. For long-term storage, store at -80°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P31955 (UniProt, ExPASy)
Gene Symbol:	AREG
GeneID:	11839
KEGG:	mmu:11839
Ensembl:	ENSMUSG00000029378
String:	10090.ENSMUSP00000031325
Molecular Weight:	Calculated MW: 15.0 kDa Observed MW (SDS-PAGE): 19 kDa Possible reasons why the actual band size differs from the predicted band size: 1. Splice variants. Alternative splicing may create different sized proteins from the same gene. 2. Relative charge. The composition of amino acids may affect the charge of the protein. 3. Post-translational modification. Phosphorylation, glycoslyation, methylation etc. may affect the band size. 4. Post-translational cleavage. Many proteins are synthesised as pro-proteins, and then cleaved to give the active form. 5. Polymerisation of the target protein. Dimerisation, multimerisation etc. will increase the band size observed.
Sequence Fragment:	Ser94-Lys191
Sequence:	SVRVEQV IKPKKNKTEG EKSTEKPKRK KKGGKNGKGR RNKKKKNPCT AKFQNFCIHG ECRYIENLEV VTCNCHQDYF GERCGEKSMK THSEDDKDLS K
Tag:	N-terminal His tag
Buffer:	Prior to lyophilization: PBS, pH 7.4, containing 0.01% Sarcosyl, 5% Trehalose.
Concentration:	Prior to lyophilization: 100 µg/ml
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

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