

Recombinant Mouse Crtac1 protein, hFc-SBP-tagged

Cat. No. Crtac1-4535M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Crtac1 protein(Q8R555)(29-606 aa), fused with N-terminal hFc and SBP tag, was expressed in Mammalian Cells.
Species	Mouse
Source	Mammalian Cells
ProteinLength	29-606 aa
Form	For liquid formulations, the standard storage buffer consists of a Tris or PBS based solution supplemented with 5-50% glycerol. When provided as lyophilized powder, the product undergoes freeze-drying from a Tris- or PBS-based formulation containing 6% trehalose, adjusted to pH 8.0 prior to the lyophilization process.
Molecular Mass	95.5 kDa
AASequence	SQRAEPMFTA V T N S V L P P D Y D S N P T Q L N Y G V A V T D V D H D G D F E I V V A G Y T G P N L V L K Y N R A Q N R L V N I A V D E R S S P Y A L R D R Q G N A I G V T A C D I D G D G R E E I Y F L N T N N A F S G V A T Y T D K L F K F R N N R W E D I L S D D V N V A R G V A S L F A G R S V A C V D R T G S G R Y S I Y I A N Y A Y G D V G P D A L I E M D P E A S D L S R G I L A L R D V A A E A G V S K Y T A G R G V S V G P I L S S S A S D I F C D N E N G P N F L F H N Q G N G T F V D T A A S A G V D D P H Q H G R G V A L A D F N R D G K V D I V Y G N W N G P H R L Y L Q M S A H G K V R F R D I A S P K F S T P S P V R T V I A A D F D N D Q E L E V F F N N I A Y R S S S A N R L F R V I R R E H G D P L I E E L N P G D A L E P E G R G T G G V V T D F D G D G M L D L I L S H G E S M A Q P L S V F R G N Q G F S N N W L R V V P R T R F G A F A R G A K V V L Y T K K S G A H L R I I D G G S G Y L C E M E P V A H F G L G R D E A S S V E V T W P D G K M V S R S V A S E E M N S V L E I L Y P Q D E

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DKLQNTAPLECGQGFSQQDNGHCMDTNECIQFPFVCPDKPVCVNTYGSYRCRTN
KRCNRGYEPNEDGTAC

Purity Greater than 90% as determined by SDS-PAGE.

Storage Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

Reconstitution Please reconstitute protein indeionized sterile water to a concentration of 0.1-1.0 mg/mL. Aliquot for long-term storage at -80°C.

GENE INFORMATION

Gene Name [Crtac1 cartilage acidic protein 1 \[Mus musculus \]](#)

Official Symbol [Crtac1](#)

Synonyms CRTAC1; cartilage acidic protein 1; ASPIC; CEP-68; protein CRTAC1-B; 68 kDa chondrocyte-expressed protein; Lotus; Crtac1B; AW047536; 2810454P21Rik;

Gene ID [72832](#)

mRNA Refseq [NM_145123](#)

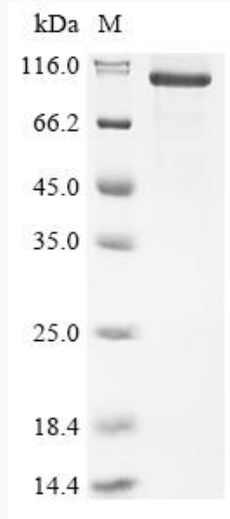
Protein Refseq [NP_660105](#)

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SDS-PAGE



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