

Recombinant Mouse C9 protein, His-tagged

Cat. No. C9-1844M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse C9 aa. (Pro136~Arg512) fused with N-terminal His tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Pro136~Arg512
Form	Freeze-dried powder
Molecular Mass	47kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>80%
Characteristic	The isoelectric point is 8.7.
Applications	SDS-PAGE; WB; ELISA; IP; CoIP; Purification; Amine Reactive Labeling.
Stability	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the

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	Arrhenius equation.) The loss of this protein 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.
Concentration	200µg/mL
Storage Buffer	100mM NaHCO ₃ , 500mM NaCl, pH8.3, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in 100mM NaHCO ₃ , 500mM NaCl (pH8.3) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

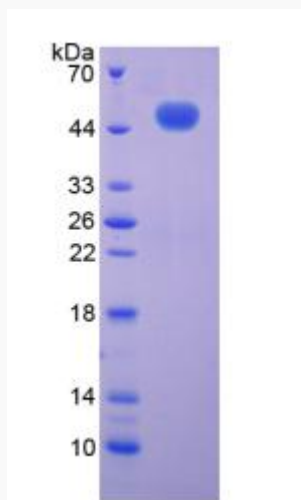
GENE INFORMATION

Gene Name	C9 complement component 9 [Mus musculus (house mouse)]
Official Symbol	C9
Synonyms	Tnni1; troponin I1, slow skeletal type; troponin I, slow skeletal muscle; Troponin I, slow isoform; troponin I type 1 (skeletal, slow); troponin I, skeletal, slow 1; troponin I, slow-twitch isoform
Gene ID	12279
mRNA Refseq	NM_013485.1
Protein Refseq	NP_038513.1
UniProt ID	P06683

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SDS-PAGE

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