

Recombinant Mouse C3 protein, His-tagged

Cat. No. C3-7632M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse C3 (Ala965~Arg1303) protein is produced by E. coli expression system. This protein is fused with a His tag at the N-terminus.
Species	Mouse
Source	E.coli
ProteinLength	Ala965-Arg1303
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	42 kDa
AA Sequence	ADLSDQVPDSTDSETRILQGSPVVQMAEDAVDGERLKHIVTPAGCGEQNMIGMTPT VIAVHYLDQTEQWEKFGIEKRQEALELIKGGYTQQLAFKQPSSAYAAFNNRPPSTWL TAYVVKVFSLAANLIAIDSHVLCGAVKWLILEKQKPDGVFQEDGPVIHQEMIGGFRNA KEADVSLTAFVLIALQEARDICEGQVNSLPGSINKAGEYIEASYMNLQRPYTVAIAGY ALALMNKLEEPYLGKFLNTAKDRNRWEEPQQQLYNVEATSYALLALLLLKDFDSVPP VVRWLNEQRYYGGGYGSTQATFMVVFQALAQYQTDVDPDHKDLNWDVVSFHLPSR
Endotoxin	<1.0EU per 1g (determined by the LAL method).
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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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 centigrade for 48h, 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 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Reconstitution	Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

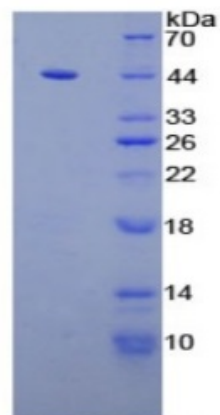
GENE INFORMATION

Gene Name	C3 complement component 3 [<i>Mus musculus</i>]
Official Symbol	C3
Synonyms	C3; complement component 3; complement C3; complement factor 3; complement component 3d; ASP; Plp; HSE-MSF; AI255234;
Gene ID	12266
mRNA Refseq	NM_009778
Protein Refseq	NP_033908
UniProt ID	P01027

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