

Recombinant Mouse C3 protein, His-SUMO-tagged

Cat. No. C3-4246M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse C3 protein(P01027)(1321-1663aa), fused to N-terminal His-SUMO tag, was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	1321-1663aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	55.3 kDa
AA Sequence	SEETKQNEAFSLTAKGKGRGTLSSVAVYHAKLKSKVTCKKFDLRVSIRPAPETAKKP EEAKNTMFLEICTKYLGDVDATMSILDISMMTGAFAPDTKDLELLASGVDRYISKYEMN KAFSNKNTLIIYLEKISHTTEEDCLTFKVHQYFNVGLIQPGSVKVVSYYNLEESCTRFYH PEKDDGMLSCLKHSEMCRCAEENCFMQQSQEKINLNVRLDKACEPGVDYVYKTEL TNIELLDFFDEYTMTIQQVIKSGSDEVQAGQQRKFISHIKCRNALKLQKGGKYLMMWG LSSDLWGKEPNTSYIIGKDTWVEHWPEAEECQDQKYQKQCEELGAFTESMVVYGC PN
Purity	Greater than 90% as determined by SDS-PAGE.

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

Reconstitution Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

GENE INFORMATION

Gene Name C3 complement component 3 [*Mus musculus*]

Official Symbol C3

Synonyms C3; complement component 3; complement C3; complement factor 3; complement component 3d; acylation stimulating protein; ASP; Plp; HSE-MSF; AI255234;

Gene ID 12266

mRNA Refseq NM_009778

Protein Refseq NP_033908

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