

Active Recombinant Human C3

Cat. No. C3-603H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human C3 (Accession # NP_000055) Ser672-Arg748 was produced in E. coli-derived.
Species	Human
Source	E.coli
ProteinLength	672-748 a.a.
Predicted N Terminal	Ser672
Form	Lyophilized from a 0.2 µ filtered solution in PBS.
Bio-activity	Measured by its ability to enhance IL-6 secretion by human peripheral blood mononuclear cells (PBMC). Fischer, W.H. et al. (1999) J. Immunol. 162:453. The ED50 for this effect is typically 1.5 - 7.5 µg/mL.
Molecular Mass	Recombinant Human C3 has a calculated MW of 9.1 kDa.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

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GENE INFORMATION

Gene Name	C3 complement component 3 [Homo sapiens]
Official Symbol	C3
Synonyms	C3; complement component 3; complement C3; CPAMD1; complement component C3; acylation-stimulating protein cleavage product; C3 and PZP-like alpha-2-macroglobulin domain-containing protein 1; ASP; AHUS5; ARMD9;
Gene ID	718
mRNA Refseq	NM_000064
Protein Refseq	NP_000055
MIM	120700
UniProt ID	P01024
Chromosome Location	19p13.3-p13.2

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