

Active Native Human C3 Protein

Cat. No. C3-365H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Native Human C3 was purified from Normal human serum (shown by certified tests to be negative for HBsAg, HTLV-I/II, STS, and for antibodies to HCV, HIV-1 and HIV-II).
Species	Human
Source	Human Serum
Description	Complement component 3, often simply called C3, is a protein of the immune system. It plays a central role in the complement system and contributes to innate immunity. In humans it is encoded on chromosome 19 by a gene called C3.
Form	Frozen liquid
Bio-activity	>70% versus normal human serum standard.
Molecular Mass	185,000 Da (2 chains)
Purity	>95% by SDS-PAGE
Storage	-70 centigrade or below. Avoid freeze/thaw (>10 % AC10activity loss per thaw).
Concentration	1.0 mg/mL
Storage Buffer	10 mM sodium phosphate, 145 mM NaCl, pH 7.2

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Preservative None, 0.22 µ filtered

GENE INFORMATION

Gene Name C3 complement C3 [Homo sapiens (human)]

Official Symbol C3

Synonyms ASP; C3a; C3b; AHUS5; ARMD9; CPAMD1; HEL-S-62p

Gene ID 718

mRNA Refseq K02765

Protein Refseq NP_000055

MIM 120700

UniProt ID P01024

Chromosome Location 19p13.3-p13.2

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