

Native Rabbit C3 Protein

Cat. No. C3-01R Lot. No. (See product label)

SPECIFICATION

Product Overview	Native Rabbit C3 Protein is purified from pooled normal rabbit serum.
Species	Rabbit
Source	Rabbit Serum
Description	Rabbit C3 is purified from pooled normal rabbit serum. C3 is central to the activation of all three pathways of complement activation. Initiation of each pathway generates proteolytic enzyme complexes (C3 convertases) which are bound to the target surface. These enzymes cleave a peptide bond in C3 releasing the anaphylatoxin C3a and activating C3b.
Form	Frozen liquid
Molecular Mass	~185kDa (2 chains)
Purity	> 85% by SDS PAGE
Storage	-70°C or below. Avoid freeze/thaw.
Concentration	1.0 mg/mL (see Certificate of Analysis for actual concentration)
Storage Buffer	10 mM sodium phosphate, 145 mM NaCl, pH 7.2
Preservative	None, 0.22 µm filtered.

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Extinction Coeff. A280 nm = 10.16 at 1.0 mg/ml for pure C3

Precautions Use normal precautions for handling animal blood products.

GENE INFORMATION

Gene Name C3 complement C3 [*Oryctolagus cuniculus* (rabbit)]

Official Symbol C3

Gene ID 100009121

mRNA Refseq NM_001082286.1

Protein Refseq NP_001075755.1

UniProt ID P12247

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