

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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 45-1 Ramsey Road, Shirley, NY 11967, USA

Extinction Coeff.	A280 nm = 10.16 at 1.0 mg/ml for pure C3
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Precautions	Use normal precautions for handling animal blood products.
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GENE INFORMATION

Gene Name	C3 complement C3 [<i>Oryctolagus cuniculus</i> (rabbit)]
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Official Symbol	C3
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Gene ID	100009121
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mRNA Refseq	NM_001082286.1
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Protein Refseq	NP_001075755.1
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UniProt ID	P12247
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