

Datasheet: PHP283

Description:	PURIFIED HUMAN C3
Name:	C3
Other names:	COMPLEMENT COMPONENT C3
Format:	Purified
Product Type:	Purified Protein
Quantity:	0.25 mg

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
ELISA	■			

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

Target Species	Human
Product Form	Purified human C3 - liquid
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	None present
Approx. Protein Concentrations	Total protein concentration 1.0 mg/ml
External Database Links	UniProt: P01024 Related reagents Entrez Gene: 718 C3 Related reagents
Synonyms	CPAMD1

Product Information C3 is a complement protein that is activated through cleavage by complement 3 (C3) convertases to C3a and C3b. These are further degraded into iC3b and C3dg/C3d. C3 is crucial in the induction of tolerance generated when an antigen is introduced into immunoprivileged sites and this is exploited by pathogens and cancer cells to evade the immune system by inhibiting complement activation.

Purity	>85% by SDS PAGE
Storage	Store at -70°C. Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the protein. Should this product contain a precipitate we recommend microcentrifugation before use.
Shelf Life	6 months from date of despatch.
Health And Safety Information	Material Safety Datasheet documentation #10209 available at https://www.bio-rad-antibodies.com/uploads/MSDS/10209.pdf Donor material tested and found negative for HIV1, HIV2, HBsAg and HCV. As no test can completely guarantee this material to be free of pathogens it should be handled as potentially infectious.
Regulatory	For research purposes only

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