

Datasheet: PFP003

**BATCH NUMBER 168979**

<b>Description:</b>	RECOMBINANT CAT SERUM AMYLOID A
<b>Name:</b>	SERUM AMYLOID A
<b>Other names:</b>	SAA
<b>Format:</b>	Rec. Protein
<b>Product Type:</b>	Recombinant Protein
<b>Quantity:</b>	0.1 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](http://www.bio-rad-antibodies.com/protocols).

	Yes	No	Not Determined	Suggested Dilution
ELISA	▪			
Functional Assays			▪	

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.

<b>Target Species</b>	Cat
<b>Product Form</b>	Purified recombinant protein - lyophilized
<b>Reconstitution</b>	Reconstitute with 1.0 ml distilled water. Care should be taken during reconstitution as the protein may appear as a film at the bottom of the vial. Bio-Rad recommend that the vial is gently mixed after reconstitution.
<b>Preparation</b>	Purified by affinity and reversed-phase chromatography
<b>Source</b>	E.coli
<b>Preservative Stabilisers</b>	None present
<b>Approx. Protein Concentrations</b>	0.1 mg/ml after reconstitution

**External Database  
Links**

**UniProt:**

[P19707](#)

[Related reagents](#)

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**Product Information** **Recombinant Cat serum amyloid A (SAA)** is a 121 aa recombinant protein produced in *E.coli*, which includes a proprietary 10 aa tag at the N-terminus.

Serum amyloid A proteins are a family of acute phase proteins, produced primarily by the liver, highly conserved in vertebrate species, and used as markers of inflammation.

Feline SAA, as with serum amyloid A in other species, is present in different isoforms, this recombinant protein corresponds to isoform 1 (SAA1). Feline SAA is composed of 111 amino acids and differs from human SAA by having an 8 aa sequence insert in the central region of the sequence.

With similar biochemical properties to the native feline SAA, this reagent may be used as a standard in immunoassays for measurement of levels of cat serum amyloid A.

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**Protein Molecular Weight** 13.8 kDa

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**Purity** >95%

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**Storage** Prior to reconstitution store at -20°C.  
After reconstitution store at -20°C.  
Storage in frost-free freezers is not recommended. This product should be stored undiluted.

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**Guarantee** Guaranteed until date of expiry. Please see product label.

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**Health And Safety Information** Material Safety Datasheet documentation #10268 available at:  
<https://www.bio-rad-antibodies.com/SDS/PFP003>  
10268

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**Regulatory** For research purposes only

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To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://www.bio-rad-antibodies.com/datasheets)

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