

## Recombinant Feline SAA1 Protein (1-111)

Cat. No. SAA1-15F Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	<p>Recombinant SAA consists of 121 amino acids and has a predicted molecular mass of 13838 kDa.</p> <p>Consists of a polypeptide corresponding to 1-111 a.a.r. of feline SAA and a proprietary 10 a.a.r. affinity tag on the N-terminus.</p>
<b>Species</b>	Feline
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-111
<b>Description</b>	Major acute phase reactant. Apolipoprotein of the HDL complex.
<b>Molecular Mass</b>	13838 kDa
<b>Purity</b>	>95% (Tricine-SDS-PAGE)
<b>Applications</b>	Can be used as a control in immunoassays.
<b>Notes</b>	Avoid repeated freezing and thawing. It is recommended to aliquot the product after reconstitution.
<b>Storage</b>	<p>Lyophilized -20 centigrade (-15 to -30 centigrade allowed)</p> <p>Reconstituted -70 centigrade (-65 to -80 centigrade allowed)</p>

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**Storage Buffer** Lyophilized from 0.01 M HCl (pH 2.0)

**Reconstitution** It is recommended to reconstitute this product with 0.01 M HCl (pH 2.0) to 0.1-1 mg/mL concentration.

To prepare diluted samples of SAA it is recommended to use buffer solutions containing a detergent. The selection of an appropriate detergent and its concentration is essential for the assay performance.

## GENE INFORMATION

**Gene Name** SAA1 serum amyloid A1 [ *Felis catus* (domestic cat) ]

**Official Symbol** SAA1

**Synonyms** SAA1; serum amyloid A1; SAA; serum amyloid A protein; serum amyloid A

**Gene ID** 678660

**mRNA Refseq** NM\_001040198

**Protein Refseq** NP\_001035288

**UniProt ID** Q1T772

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