

## Recombinant Feline SAA1 Protein

Cat. No. SAA1-04H    Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant feline serum amyloid A (SAA) consists of 112 amino acid residues (Contains an additional N-terminal methionine residue) without tag was expressed in E. coli. Theoretical pI is 5.50.
<b>Species</b>	Feline
<b>Source</b>	E.coli
<b>ProteinLength</b>	112
<b>Description</b>	Major acute phase reactant. Apolipoprotein of the HDL complex.
<b>Molecular Mass</b>	12.679 kDa
<b>Purity</b>	> 95% (Tricine-SDS-PAGE), affinity and ion-exchange chromatography.
<b>Applications</b>	Can be used as a control in immunoassays.
<b>Stability</b>	Avoid repeated freezing and thawing. It is recommended to aliquot the product after reconstitution.
<b>Storage</b>	Lyophilized: -20 centigrade. Reconstituted: -70 centigrade.
<b>Storage Buffer</b>	Lyophilized from 0.02 M Tris-HCl, pH 7.8, 0.15 M NaCl, 0.05% Tween 20

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**Reconstitution**

It is recommended to reconstitute this product with deionized water to its initial concentration. After reconstitution it is recommended to dilute feline SAA in a buffer containing a detergent compatible with the desired application.

**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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