Recombinant Feline SAA1 Protein (1-111)

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

SPECIFICATION

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

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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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