

CATALOGUE #: 8FS5

PRODUCT NAME: Recombinant feline serum amyloid A (SAA)

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| Source: | Expressed in <i>E.coli</i> |
| Description: | 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. |
| Applications: | Can be used as a control in immunoassays. |
| Analysis: | Purity >95 % (Tricine-SDS-PAGE). Concentration is determined spectrophotometrically |
| Purification: | Affinity and reversed-phase chromatography |
| Presentation: | Lyophilized from 0.01 M HCl (pH 2.0) It is recommended to reconstitute this product with 0.01 M HCl (pH 2.0) to 0.1-1 mg/ml concentration. |
| Storage: | Lyophilized -20°C (-15 ... -30 °C allowed) Reconstituted -70°C (-65 ... -80 °C allowed) |
| Other information: | Avoid repeated freezing and thawing. It is recommended to aliquot the product after reconstitution. 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. For sandwich immunoassays using monoclonal anti-SAA antibodies SAA19, SAA21 and VSA34 we recommend using 0.01% CHAPS in antigen dilution buffer (e.g. 0.05 M Tris-HCl, pH 8.0, 0.15 M NaCl, 0.01 % CHAPS). For sandwich immunoassays using monoclonal anti-SAA antibodies VSA25 and VSA31 we recommend using 0.05 % Tween 20 in antigen dilution buffer (e.g. 0.02 M Tris-HCl, pH 7.5, 0.15 M NaCl, 0.05 % Tween 20). |
| Material safety note: | This product is sold for research or further manufacturing use only . Standard Laboratory Practices should be followed when handling this material. |