

**CATALOGUE #:** 8SA1

**PRODUCT NAME:** Recombinant human serum amyloid A1 (SAA1)

**Source:** Expressed in *E.coli*

**Description:** Recombinant SAA isoform 1, allelic variant 1.1. Accession number UniProtKB P0DJ18.

Amino acid sequence:

MRSFFSFLGE AFDGARDMWR AYSDMREANY IGSDKYFHAR GNYDAAKGRP GGVWAAEAI  
DARENIQRFF GHGAEDSLAD QAANEWGRSG KDPNHFRPAG LPEKY

Contains N-terminal Met

Theoretical molecular weight 11 814 Da

Theoretical pI 5.88

**Applications:** Calibrator or standard in immunoassays

**Analysis:** Purity >95 % (Tricine-SDS-PAGE).

Concentration is determined spectrophotometrically

**Purification:** Affinity 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). Do not reconstitute to higher than 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.

**Material safety note:** This product is sold **for research or further manufacturing use only**. Standard Laboratory Practices should be followed when handling this material.