

CATALOGUE #: 8SA2

PRODUCT NAME: Recombinant human serum amyloid A2 (SAA2)

Source: Expressed in *E.coli*

Description: Recombinant SAA isoform 2, allelic variant 2.1.

Amino acid sequence:

MRSFFSFLGE AFDGARDMWR AYSDMREANY IGSDKYFHAR GNYDAAKGRP GGAWAAEVIS
NARENIQRLT GHGAEDSLAD QAANKWGRSG RDPNHFRPAG LPEKY

Contains N-terminal Met

Theoretical molecular weight 11 760 Da

Theoretical pI 8.07

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 0.5 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.