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Apo-SAA, human recombinant protein

Serum amyloid A protein, SAA, Amyloid protein A, Amyloid fibril protein AA, SAA1, SAA2, PIG4, TP53I4

Catalog # PBV10222r

Specification

Apo-SAA, human recombinant protein - Product info

Primary Accession	P0DJI8
Calculated MW	**11.5 kDa KDa**

Apo-SAA, human recombinant protein - Additional Info

Gene ID	**6288**
Gene Symbol	**SAA1**

Other Names
Serum amyloid A protein, SAA, Amyloid protein A, Amyloid fibril protein AA, Apolipoprotein, apolipoproteins, SAA1, SAA2, PIG4, TP53I4, MGC111216,

Gene Source	**Human**
Source	**E. coli**
Assay&Purity	**SDS-PAGE; ≥98%**
Assay2&Purity2	**HPLC; ≥98%**
Recombinant	**Yes**
Results	**10-50 µg/ml**

Target/Specificity
Apo-SAA

Application Notes
Reconstitute in 0.1% acetic acid to a concentration of 1 µg/ µl. This solution can then be diluted into other aqueous buffers.

Format
Lyophilized protein

Storage
-20°C; Lyophilized with no additives

Apo-SAA, human recombinant protein - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety

- Cell Culture

Apo-SAA, human recombinant protein - Images

Apo-SAA, human recombinant protein - Background

Human apo-SAA is a 104 amino acid polypeptide that circulates primarily in association with high-density lipoproteins (HDL). The level of apo-SAA, normally 1-5 µg/ml in plasma, increases 500-1000 fold within 24 hours of an inflammatory stimulus and, under these conditions, is the most abundant HDL apo-lipoprotein. The human SAA gene codes for a 122 amino acid polypeptide, which contains an 18 amino acid N-terminal signal sequence.

Apo-SAA, human recombinant protein - References

Sipe J.D.,et al.Biochemistry 24:2931-2936(1985).
Kluve-Beckerman B.,et al.J. Clin. Invest. 82:1670-1675(1988).
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Halleck A.,et al.Submitted (JUN-2004) to the EMBL/GenBank/DDBJ databases.
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