

## Recombinant Human SAA1 protein

**Cat. No.** SAA1-1643H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human SAA1 protein(P02647)(25-267 aa) was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	25-267 aa
<b>Form</b>	Lyophilized from a 0.2 µm filtered concentrated solution in PBS, pH 7.4.
<b>Molecular Mass</b>	Approximately 28.1 kDa, a single non-glycosylated polypeptide chain containing 243 amino acids.
<b>AASequence</b>	DEPPQSPWDR VKDLATVYVD VLKDSGRDYV SQFEGSALGK QLNLKLLDNW DSVTSTFSKL REQLGPVTQE FWDNLEKETE GLRQEMSKDL EEVKAKVQPY LDDFQKKWQE EMELYRQKVE PLRAELQEGA RQKLHELQEK LSPLGEEMRD RARAHVDALR THLAPYSDEL RQRLAARLEA LKENG GARLA EYHAKATEHL STLSEKAKPA LEDLRQGLLP VLESFKVSFL SALEEYTKKL NTQ
<b>Endotoxin</b>	Less than 0.1 EU/g of rHuApoA-I as determined by LAL method.
<b>Purity</b>	> 98 % by SDS-PAGE and HPLC analyses.
<b>Storage</b>	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. - 12 months from date of receipt, -20 to -70 °C as supplied. - 1 month, 2 to 8 °C under sterile

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conditions after reconstitution. - 3 months, -20 to -70 °C under sterile conditions after reconstitution.

**Reconstitution**

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1 % BSA to a concentration of 0.1-1.0 mg/mL. Stock solutions should be apportioned into working aliquots and stored at ≤ -20 °C. Further dilutions should be made in appropriate buffered solutions.

## GENE INFORMATION

**Gene Name** [SAA1 serum amyloid A1 \[ Homo sapiens \]](#)

**Official Symbol** [SAA1](#)

**Synonyms** SAA1; serum amyloid A1; SAA; serum amyloid A protein; PIG4; TP53I4; tumor protein p53 inducible protein 4; SAA2; MGC111216;

**Gene ID** [6288](#)

**mRNA Refseq** [NM\\_000331](#)

**Protein Refseq** [NP\\_000322](#)

**MIM** [104750](#)

**UniProt ID** [P02735](#)

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