

Recombinant Human SAA1 protein

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

SPECIFICATION

Product Overview	Recombinant Human SAA1 protein(P02647)(25-267 aa) was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	25-267 aa
Form	Lyophilized from a 0.2 µm filtered concentrated solution in PBS, pH 7.4.
Molecular Mass	Approximately 28.1 kDa, a single non-glycosylated polypeptide chain containing 243 amino acids.
AASequence	DEPPQSPWDR VKDLATVYVD VLKDSGRDYV SQFEGSALGK QLNKLLDNW DSVTSTFSKL REQLGPVTQE FWDNLEKETE GLRQEMSKDL EEVKAKVQPY LDDFQKKWQE EMELYRQKVE PLRAELQEGA RQKLHELQEK LSPLGEEMRD RARAHDALR THLAPYSDEL RQRLAARLEA LKENGARLA EYHAKATEHL STLSEKAKPA LEDLRQGLLP VLESFKVSFL SALEEYTKKL NTQ
Endotoxin	Less than 0.1 EU/g of rHuApoA-I as determined by LAL method.
Purity	> 98 % by SDS-PAGE and HPLC analyses.
Storage	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](#)

SDS-PAGE

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