

**SAA4, 21-130aa, Human, His tag, E.coli**

**Cat.NO.: TP03845**

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3th Edition

**Synonyms:**Serum amyloid A-4 protein, C-SAA, CSAA.

**Description:**SAA4 is a constitutively expressed protein belonging to the SAA family. It is a major acute phase reactant and an apolipoprotein of the HDL complex. SAA4 is constitutively expressed only in humans and mice, is associated almost entirely with lipoproteins of the high density range. Its physiological function is unknown and its serum concentration has no relationship with those of other major apolipoproteins.

**Form:**Liquid. In 20mM Tris-HCl buffer(pH 8.0) containing 20% glycerol,5mM DTT, 0.2M NaCl, 0.5mM EDTA.

**Molecular Weight:**14.9 kDa (131aa) confirmed by MALDI-TOF

**Sequences:**

MGSSHHHHHSSGLVPRGSHMWRSFFKEALQGVGDMGRAYWDIMISNHQNSNRYLYARGNYDAAQRGPGGVW  
AAKLISRSRVYLQGLIDYYLFGNSSTVLEDSKSNEKAEWGRSGKDPDRFRPDGLPKKY

**Purity:**> 95% by HPLC

**Concentration:**0.5 mg/ml (determined by Bradford assay)

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.