

## SAA4 Protein, Human (His)

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|--------------------------|--|
| <b>Cat. No.:</b>         | HY-P71277  |
| <b>Synonyms:</b>         | Serum Amyloid A-4 Protein; Constitutively Expressed Serum Amyloid A Protein; C-SAA; SAA4; CSAA |
| <b>Species:</b>          | Human  |
| <b>Source:</b>           | E. coli  |
| <b>Accession:</b>        | P35542 (E19-Y130)  |
| <b>Gene ID:</b>          | 6291   |
| <b>Molecular Weight:</b> | Approximately 16 kDa   |

### PROPERTIES

|                                |   |
|--------------------------------|---|
| <b>AA Sequence</b>             | <p>           E S W R S F F K E A    L Q G V G D M G R A    Y W D I M I S N H Q    N S N R Y L Y A R G<br/>           N Y D A A Q R G P G    G V W A A K L I S R    S R V Y L Q G L I D    C Y L F G N S S T V<br/>           L E D S K S N E K A    E E W G R S G K D P    D R F R P D G L P K    K Y         </p> |
| <b>Appearance</b>              | Solution.   |
| <b>Formulation</b>             | Supplied as a 0.2 µm filtered solution of 20 mM Tris, 200 mM NaCl, 0.5 mM EDTA, 20% Glycerol, pH 8.0.   |
| <b>Endotoxin Level</b>         | <1 EU/µg, determined by LAL method.   |
| <b>Reconstitution</b>          | N/A   |
| <b>Storage &amp; Stability</b> | Stored at -80°C for 1 year. It is stable at -20°C for 3 months after opening. It is recommended to freeze aliquots at -80°C for extended storage. Avoid repeated freeze-thaw cycles.  |
| <b>Shipping</b>                | Shipping with dry ice.  |

### DESCRIPTION

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|-------------------|---|
| <b>Background</b> | <p>SAA4 Protein stands out as a prominent acute phase reactant, playing a pivotal role in the response to various physiological challenges. As a crucial apolipoprotein within the HDL complex, SAA4 contributes to the regulation of lipid metabolism and is integral to the dynamics of high-density lipoprotein. Its elevation during acute phase responses underscores its significance in the acute phase reactant network, reflecting its involvement in the body's adaptive mechanisms to diverse stressors.</p> |
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**Caution: Product has not been fully validated for medical applications. For research use only.**

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