

Bioactive

## SAA1 (Human) Recombinant Protein

Catalog # P9174

Size 50 ug

### Specification

|                             |                                                                                                                                                                                                                                                                                         |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Description</b>  | Human SAA1 recombinant protein expressed in <i>Escherichia coli</i> .                                                                                                                                                                                                                   |
| <b>Sequence</b>             | RSFFSFLGEAFDGARDMWRAYSMDREANYIGSDKYFHARGNYDAAKRGPGGVWAAEAISDARE<br>NIQRFFGHGAEDSLADQAANEWGRSGKDPNHFRPAGLPEKY                                                                                                                                                                            |
| <b>Host</b>                 | <i>Escherichia coli</i>                                                                                                                                                                                                                                                                 |
| <b>Theoretical MW (kDa)</b> | 11.7                                                                                                                                                                                                                                                                                    |
| <b>Form</b>                 | Lyophilized                                                                                                                                                                                                                                                                             |
| <b>Preparation Method</b>   | <i>Escherichia coli</i> expression system                                                                                                                                                                                                                                               |
| <b>Purification</b>         | chromatographic                                                                                                                                                                                                                                                                         |
| <b>Purity</b>               | > 97% as determined by (a) RP-HPLC.(b) SDS-PAGE.                                                                                                                                                                                                                                        |
| <b>Activity</b>             | The biological activity determined by a chemoattract bioassay using human monocytes, and The effective concentration was 10.0-100.0 ng/mL                                                                                                                                               |
| <b>Storage Buffer</b>       | Lyophilized from a solution containing 20 mM Tris-HCl, pH 9.0, 150 mM NaCl. Reconstitute the lyophilized powder in ddH <sub>2</sub> O to 100 ug/mL.                                                                                                                                     |
| <b>Storage Instruction</b>  | Lyophilized protein at room temperature for 3 weeks, should be stored at -20°C. Protein aliquots at 4 °C for 2-7 days and should be stored at -20°C to -80°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).<br>Avoid repeated freeze/thaw cycles. |

### Applications

- Functional Study

## Gene Info — SAA1

|                    |                                       |
|--------------------|---------------------------------------|
| Entrez GeneID      | <a href="#">6288</a>                  |
| Protein Accession# | <a href="#">P0DJ18</a>                |
| Gene Name          | SAA1                                  |
| Gene Alias         | MGC111216, PIG4, SAA, TP53I4          |
| Gene Description   | serum amyloid A1                      |
| Omim ID            | <a href="#">104750</a>                |
| Gene Ontology      | <a href="#">Hyperlink</a>             |
| Other Designations | tumor protein p53 inducible protein 4 |

## Disease

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- [Diabetes Complications](#)
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