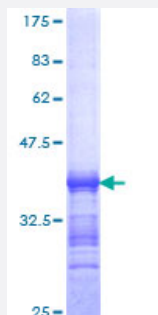


# SAA2 (Human) Recombinant Protein (Q01)

Catalog # H00006289-Q01

Size 25 ug, 10 ug

## Applications



## Specification

|                                |                                                                                                         |
|--------------------------------|---------------------------------------------------------------------------------------------------------|
| <b>Product Description</b>     | Human SAA2 partial ORF ( NP_110381, 26 a.a. - 122 a.a.) recombinant protein with GST-tag at N-terminal. |
| <b>Sequence</b>                | GEAFDGARDMWRAYSMDREANYIGSDKYFHARGNYDAAKRPGGAWAAEVISNARENIQRLTGH<br>GAEDSLADQAANKWGRSGRDPNHFRPAGLPEKY    |
| <b>Host</b>                    | Wheat Germ (in vitro)                                                                                   |
| <b>Theoretical MW (kDa)</b>    | 36.41                                                                                                   |
| <b>Preparation Method</b>      | <a href="#">in vitro wheat germ expression system</a>                                                   |
| <b>Purification</b>            | Glutathione Sepharose 4 Fast Flow                                                                       |
| <b>Quality Control Testing</b> | 12.5% SDS-PAGE Stained with Coomassie Blue.                                                             |
| <b>Storage Buffer</b>          | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.                                |
| <b>Storage Instruction</b>     | Store at -80°C. Aliquot to avoid repeated freezing and thawing.                                         |
| <b>Note</b>                    | Best use within three months from the date of receipt of this protein.                                  |

## Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

## Gene Info — SAA2

|                     |                           |
|---------------------|---------------------------|
| Entrez GeneID       | <a href="#">6289</a>      |
| GeneBank Accession# | <a href="#">NM_030754</a> |
| Protein Accession#  | <a href="#">NP_110381</a> |
| Gene Name           | SAA2                      |
| Gene Alias          | -                         |
| Gene Description    | serum amyloid A2          |
| Omim ID             | <a href="#">104751</a>    |
| Gene Ontology       | <a href="#">Hyperlink</a> |
| Other Designations  | -                         |

## Publication Reference

- [Autoantibodies of IgM and IgG classes show differences in recognition of multiple autoantigens in chronic obstructive pulmonary disease.](#)

Shindi R, Almehairi A, Negm OH, Kalsheker N, Gale NS, Shale DJ, Harrison TW, Bolton CE, John M, Todd I, Tighe PJ, Fairclough LC.

Clinical Immunology (Orlando, Fla.) 2017 Oct; 183:344.

Application: Array, Human, Serum from patients with chronic obstructive pulmonary disease

## Disease

- [Alzheimer disease](#)
- [Amyloidosis](#)
- [Cardiovascular Diseases](#)
- [Cognition](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Familial Mediterranean fever](#)
- [Genetic Predisposition to Disease](#)
- [Metabolic Syndrome X](#)
- [Neoplasms](#)
- [Osteoporosis](#)
- [Tobacco Use Disorder](#)