

# Recombinant Human SAAL1 protein, GST-tagged

**Cat. No.** SAAL1-301101H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                              |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human SAAL1 protein(181-475 aa), fused with N-terminal GST tag, was expressed in E.coli.                                                                                                                                                                                                                                                                                         |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>ProteinLength</b>    | 181-475 aa                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Form</b>             | The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na <sub>2</sub> HPO <sub>4</sub> , 17 mM NaH <sub>2</sub> PO <sub>4</sub> , 68 mM NaCl, pH 8.0). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 100 mM reduced glutathione (GSH). |
| <b>AASequence</b>       | HPAIYDSICFIMSSSTNVDLLVKVGEVVDKLFDLDEKLMLEWVRNGAAQPLDQPQEE<br>SEEQPVFRLVPCILEAAKQVRSENPEWLDVYMHILQLLTTVDDGIQAIVHCPDTGKDI<br>WNLLFDLVCHEFCQSDDPPIILQEQTVLASVFSVLSAIYASQTEQEYLKIEKVDLPLI<br>DSLIRVLQNMEQCQKKPENSAESNTEETKRTDLTQDDFHLKILKDILCEFLSNIFQALT<br>KETVAQGVKEGQLSKQKCSSAFQNLFPYSPVVEDFIKILREVDKALADDLEKNFPSL<br>KVQT                                                                    |
| <b>Purity</b>           | 85%, by SDS-PAGE with Coomassie Brilliant Blue staining.                                                                                                                                                                                                                                                                                                                                     |
| <b>Storage</b>          | Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months,                                                                                                                                                                                                                                                                                                        |

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reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.

#### Reconstitution

Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

### GENE INFORMATION

**Gene Name** SAAL1 serum amyloid A-like 1 [ Homo sapiens ]

**Official Symbol** SAAL1

**Synonyms** SAAL1; serum amyloid A-like 1; protein SAAL1; FLJ41463; synoviocyte proliferation-associated in collagen-induced arthritis 1; SPACIA1;

**Gene ID** 113174

**mRNA Refseq** NM\_138421

**Protein Refseq** NP\_612430

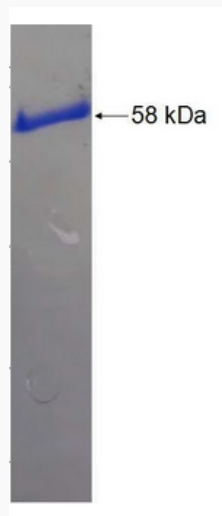
**UniProt ID** Q96ER3

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## SDS-PAGE



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