

## Recombinant Human SERPINB7 protein, GST-tagged

**Cat. No.** SERPINB7-2722H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                    |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human SERPINB7 protein(O75635)(1-380aa), fused with N-terminal GST tag, was expressed in E.coli.                                                                                                                                                                                                       |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                              |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                             |
| <b>ProteinLength</b>    | 1-380aa                                                                                                                                                                                                                                                                                                            |
| <b>Form</b>             | If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.                                                                                 |
| <b>Molecular Mass</b>   | 69.6 kDa                                                                                                                                                                                                                                                                                                           |
| <b>Purity</b>           | Greater than 85% as determined by SDS-PAGE.                                                                                                                                                                                                                                                                        |
| <b>Storage</b>          | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.                                                                                                                                                                                                     |
| <b>Reconstitution</b>   | We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. |

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**AA Sequence**

MASLAAANAFCFNLFREDDNQGNVFFSSLSLFAALALVRLGAQDDSLSQIDKL  
LHVNTASGYGNSSNSQSGLQSQLKRVFSDINASHKDYDLSIVNGLFAEKVYGFHKD  
YIECAEKLYDAKVERVDFTNHLEDTRRNINKWVENETHGKIKNVIGEGGISSAVMVL  
VNAVYFKGKWQSAFTKSETINCHFKSPKCSGKAVAMMHQERKFNLSVIEDPSMKILE  
LRYNGGINMYVLLPENDLSEIENKLTQNLMEWTNPRRMTSKYVEVFFPQFKIEKNY  
EMKQYLRLGLKDIFDESKADLSGIASGGRLYISRMMHKSYIEVTEEGTEATAATGSN  
IVEKQLPQSTLFRADHPFLFVIRKDDIILFSGKVSCP

**GENE INFORMATION**
**Gene Name**

[SERPINB7](#) serpin peptidase inhibitor, clade B (ovalbumin), member 7 [ Homo sapiens ]

**Official Symbol**

[SERPINB7](#)

**Synonyms**

SERPINB7; serpin peptidase inhibitor, clade B (ovalbumin), member 7; serine (or cysteine) proteinase inhibitor, clade B (ovalbumin), member 7; serpin B7; MEGSIN; TP55; mesangium predominant gene, megsin; MGC120014; MGC120015; DKFZp686D06190;

**Gene ID**

[8710](#)

**mRNA Refseq**

[NM\\_001040147](#)

**Protein Refseq**

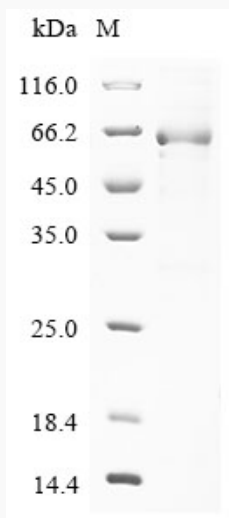
[NP\\_001035237](#)

**MIM**

[603357](#)

**UniProt ID**

[O75635](#)

**SDS-PAGE**

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