

## Recombinant Human SAMD8 protein, GST-tagged

**Cat. No.** SAMD8-301227H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                        |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human SAMD8 (1-152 aa) protein, fused to GST tag, was expressed in E. coli.                                                                                                                                                |
| <b>Species</b>          | Human                                                                                                                                                                                                                                  |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                 |
| <b>ProteinLength</b>    | Met1-Thr152                                                                                                                                                                                                                            |
| <b>Form</b>             | The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. |
| <b>AA Sequence</b>      | MAGPNQLCIRRWTTKHVAVWLKDEGFFEYVDILCNKHRLDGITLLTLTEYDLRSPPL<br>EIKVLGDIKRLMLSVRKLQKIHIDVLEEMGYNSDSPMGSMTPFISALQSTDWLCNGEL<br>SHDCDGPITDLNSDQYQYMNGKNKHSVRRLDPEYWKT                                                                       |
| <b>Purity</b>           | 90%, by SDS-PAGE with Coomassie Brilliant Blue staining.                                                                                                                                                                               |

### GENE INFORMATION

|                        |                                                                |
|------------------------|----------------------------------------------------------------|
| <b>Gene Name</b>       | SAMD8 sterile alpha motif domain containing 8 [ Homo sapiens ] |
| <b>Official Symbol</b> | SAMD8                                                          |

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|                       |                                                                                                                                                                                                                             |
|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Synonyms</b>       | SAMD8; sterile alpha motif domain containing 8; sphingomyelin synthase-related protein 1; FLJ25082; sphingomyelin synthase related; SAM domain-containing protein 8; sterile alpha motif domain-containing protein 8; SMSr; |
| <b>Gene ID</b>        | <a href="#">142891</a>                                                                                                                                                                                                      |
| <b>mRNA Refseq</b>    | <a href="#">NM_001174156</a>                                                                                                                                                                                                |
| <b>Protein Refseq</b> | <a href="#">NP_001167627</a>                                                                                                                                                                                                |
| <b>MIM</b>            | <a href="#">611575</a>                                                                                                                                                                                                      |
| <b>UniProt ID</b>     | <a href="#">Q96LT4</a>                                                                                                                                                                                                      |

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