

## Recombinant Human MUC4 Protein, GST-tagged

**Cat. No.** MUC4-4627H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                           |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human MUC4 Protein(Q99102)(5321-5360 aa), fused with N-terminal GST tag, was expressed in E.coli.                                                             |
| <b>Species</b>          | Human                                                                                                                                                                     |
| <b>Source</b>           | E.coli                                                                                                                                                                    |
| <b>ProteinLength</b>    | 5321-5360 aa                                                                                                                                                              |
| <b>Form</b>             | Lyophilized from a solution in PBS pH 7.4, 0.02% NLS, 1 mM EDTA, 4% Trehalose, 1% Mannitol.                                                                               |
| <b>Molecular Mass</b>   | 30.62 kDa                                                                                                                                                                 |
| <b>Purity</b>           | >90% as determined by SDS-PAGE.                                                                                                                                           |
| <b>Storage</b>          | Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8°C for frequent use. Store at -20 to -80°C for twelve months from the date of receipt. |
| <b>Reconstitution</b>   | Reconstitute in sterile water for a stock solution.                                                                                                                       |

### GENE INFORMATION

|                  |                                                        |
|------------------|--------------------------------------------------------|
| <b>Gene Name</b> | MUC4 mucin 4, cell surface associated [ Homo sapiens ] |
|------------------|--------------------------------------------------------|

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|                        |                                                                                                                                                                                                       |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Official Symbol</b> | MUC4                                                                                                                                                                                                  |
| <b>Synonyms</b>        | MUC4; mucin 4, cell surface associated; mucin 4, tracheobronchial; mucin-4; testis mucin; tracheobronchial mucin; ascites sialoglycoprotein; pancreatic adenocarcinoma mucin; ASGP; MUC-4; HSA276359; |
| <b>Gene ID</b>         | 4585                                                                                                                                                                                                  |
| <b>mRNA Refseq</b>     | NM_004532                                                                                                                                                                                             |
| <b>Protein Refseq</b>  | NP_004523                                                                                                                                                                                             |
| <b>MIM</b>             | 158372                                                                                                                                                                                                |
| <b>UniProt ID</b>      | Q99102                                                                                                                                                                                                |

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