

## Recombinant Human PSG7 protein, His&Myc-tagged

**Cat. No.** PSG7-4502H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                            |
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| <b>Product Overview</b> | Recombinant Human PSG7 protein(Q13046)(35-419aa), fused to N-terminal His tag and C-terminal Myc tag, was expressed in Mammalian cell.                                                                                                                                                                                                                                                                                     |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Source</b>           | Mammalian Cells                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>ProteinLength</b>    | 35-419aa                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <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>   | 48.4 kDa                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>AA Sequence</b>      | QVTIEAQPPKVSEGKDVLLLVHNLQPQLTGYIWYKGQIRDLYHYVTSYIVDGGQIIKYGP<br>AYSGRETVYSNASLLIQNVTQEDTGSYTLHIIKRGDGTGGVTGRFTFTLYLETPKPSI<br>SSSNFNPREATEAVILTCDPETPDASYLWWMNGQSLPMTHSLQLSETNRTLFLYFGV<br>TNYTAGPYECEIRNPVSASRSDPVTNLNLPKLPKPYITINNLNPRENKDVSTFTCEPK<br>SENYTYIWWLNGQSLPVSPRVKRRIENRILILPSVTRNETGPYQCEIRDYGGIRSDP<br>VTLNVLYGPDLPRIYPSFTYYHSGQNLYLSCFADSNPPAQYSWTINGKFQLSGQKLS<br>IPQITTKHSGLYACSVRNSATGKESSKSVTVRVSDWTLP |
| <b>Purity</b>           | Greater than 90% as determined by SDS-PAGE.                                                                                                                                                                                                                                                                                                                                                                                |

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|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Storage</b>        | Store at -20°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.                                                                                           |
| <b>Reconstitution</b> | 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. |

## GENE INFORMATION

|                        |                                                                                                                                                                                                                                     |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | PSG7 pregnancy specific beta-1-glycoprotein 7 (gene/pseudogene) [ Homo sapiens ]                                                                                                                                                    |
| <b>Official Symbol</b> | PSG7                                                                                                                                                                                                                                |
| <b>Synonyms</b>        | PSG7; pregnancy specific beta-1-glycoprotein 7 (gene/pseudogene); pregnancy specific beta 1 glycoprotein 7; putative pregnancy-specific beta-1-glycoprotein 7; PS-beta-G-7; pregnancy-specific glycoprotein 7; PSG1; PSGGA; PSBG-7; |
| <b>Gene ID</b>         | 5676                                                                                                                                                                                                                                |
| <b>mRNA Refseq</b>     | NM_001206650                                                                                                                                                                                                                        |
| <b>Protein Refseq</b>  | NP_001193579                                                                                                                                                                                                                        |
| <b>MIM</b>             | 176396                                                                                                                                                                                                                              |
| <b>UniProt ID</b>      | Q13046                                                                                                                                                                                                                              |

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