

# Recombinant Human MSMP protein, His-tagged

**Cat. No.** MSMP-1623H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                          |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human MSMP protein(Q1L6U9)(Lys37-Ser139), fused with C-terminal His tag, was expressed in HEK293.                            |
| <b>Species</b>          | Human                                                                                                                                    |
| <b>Source</b>           | C-His                                                                                                                                    |
| <b>ProteinLength</b>    | Lys37-Ser139                                                                                                                             |
| <b>Tag</b>              | C-His                                                                                                                                    |
| <b>Form</b>             | Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.           |
| <b>Bio-activity</b>     |                                                                                                                                          |
| <b>Molecular Mass</b>   | The protein has a predicted MW of 12.22 kDa. Due to glycosylation, the protein migrates to 15-20 kDa based on Tris-Bis PAGE result.      |
| <b>Endotoxin</b>        | Less than 1EU per µg by the LAL method.                                                                                                  |
| <b>Purity</b>           | > 95% as determined by Tris-Bis PAGE.                                                                                                    |
| <b>Storage</b>          | Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles. |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

**Reconstitution**

Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.

**GENE INFORMATION**

|                 |                                                                                                                                                    |
|-----------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene Name       | MSMP microseminoprotein, prostate associated [ Homo sapiens ]                                                                                      |
| Official Symbol | MSMP                                                                                                                                               |
| Synonyms        | MSMP; microseminoprotein, prostate associated; prostate-associated microseminoprotein; PC 3; PSMP; PC3 prostate cancer cell-secreted microprotein; |
| Gene ID         | 692094                                                                                                                                             |
| mRNA Refseq     | NM_001044264                                                                                                                                       |
| Protein Refseq  | NP_001037729                                                                                                                                       |
| MIM             | 612191                                                                                                                                             |
| UniProt ID      | Q1L6U9                                                                                                                                             |

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA