## PRODUCT INFORMATION

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| **Target** | MSMP |
| **Synonyms** | PSMP |
| **Description** | Recombinant Human MSMP Protein with C-terminal human Fc tag |
| **Delivery** | In Stock |
| **Uniprot ID** | Q1L6U9 |
| **Expression Host** | HEK293 |
| **Tag** | C-Human Fc Tag |
| **Molecular Characterization** | MSMP(Ser36-Ser139) hFc(Glu99-Ala330) |
| **Molecular Weight** | The protein has a predicted molecular mass of 37.3 kDa after removal of the signal peptide. The apparent molecular mass of MSMP-hFc is approximately 35-55 kDa due to glycosylation. |
| **Purity** | The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining. |
| **Formulation & Reconstitution** | Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution. |
| **Storage&Shipping** | Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature. |
| **Background** | This gene encodes a member of the beta-microseminoprotein family. Members of this protein family contain ten conserved cysteine residues that form intra-molecular disulfide bonds. The encoded protein may play a role in prostate cancer tumorigenesis. [provided by RefSeq, Jan 2011] |
| **Usage** | Research use only |
| **Conjugate** | Unconjugated |

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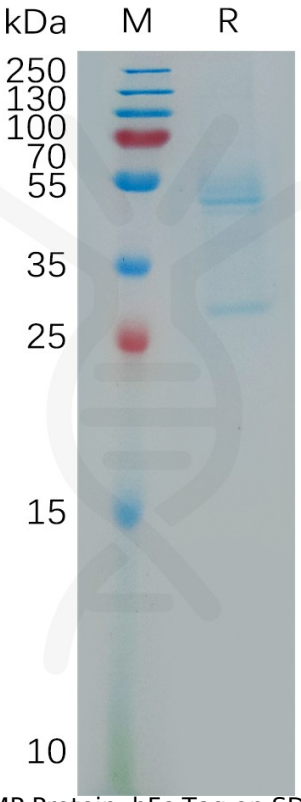



Figure 1. Human MSMP Protein, hFc Tag on SDS-PAGE under reducing condition.

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