

## 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.

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**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

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

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