

Recombinant Human MSMP protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Human MSMP protein(Q1L6U9)(Lys37-Ser139), fused with C-terminal His tag, was expressed in HEK293.
Species	Human
Source	C-His
ProteinLength	Lys37-Ser139
Tag	C-His
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	
Molecular Mass	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.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE.
Storage	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

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

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