

Recombinant Human PMS2 protein, His-tagged

Cat. No. PMS2-197H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PMS2 protein(513-862 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	513-862 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AASequence	SHCSSEYAASSPGDRGSQEHVDSQEAPETDDSFSDVDCHSNQEDTGCKFRVLPQ PTNLATPNTKRFKKEILSSSDICQKLVNTQDMSASQVDVAVKINKKVPLDFSISLA KRIKQLHHEAQQSEGEQNYRKFRKICPGENQAAEDELKEISKTMFAEMEIIIGQFN LGFIITKLNEDIFIVDQHATDEKYNFEMLQQHTVLQGQRLIAPQTLNLTAVNEAVLIENL EIFRKNGFDFVIDENAPVTERAKLISLPTSKNWTFGPQDVDELIFMLSDSPGVMCRPS RVKQMFASRACRKSVMIGTALNTSEMKKLITHMGEMDHPWNCPHGRPTMRHIANL GVISQN
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid

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repeat freeze-thaw cycles.

Reconstitution

Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

GENE INFORMATION

Gene Name

PMS2 PMS2 postmeiotic segregation increased 2 (*S. cerevisiae*) [*Homo sapiens*]

Official Symbol

PMS2

Synonyms

PMS2; PMS2 postmeiotic segregation increased 2 (*S. cerevisiae*); PMSL2, postmeiotic segregation increased (*S. cerevisiae*) 2; mismatch repair endonuclease PMS2; H_DJ0042M02.9; HNPCC4; PMS1 protein homolog 2; DNA mismatch repair protein PMS2; PMSL2; PMS2CL;

Gene ID

5395

mRNA Refseq

NM_000535

Protein Refseq

NP_000526

MIM

600259

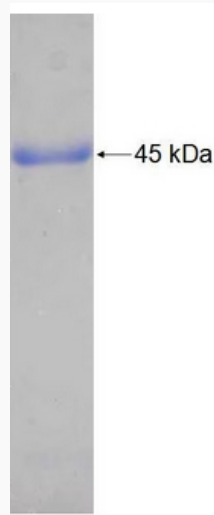
UniProt ID

P54278

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SDS-PAGE

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