

Recombinant Human PMS1 protein, His-tagged

Cat. No. PMS1-3319H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PMS1 protein(340-616 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	340-616 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.
AA Sequence	LPSTNSYENNKTDVSAADIVLSKTAETDVLFNKVESGKNYSNVDTSVIPFQNDMHN DESGKNTDDCLNHQISIGDFGYGHCSSEISNIDKNTKNAFQDISMSNVSWENSQTEY SKTCFISSVKHTQSENGNKDHIDESGENEEEEAGLENSSEISADEWSRGNILKNSVGE NIEPVKILVPEKSLPCKVSNNNYPIEQMNLNEDSCNKKSNVIDNKSGKVTAYDLLSN RVIKKPMSASALFVQDHRPQFLIENPKTSLEDATLQIEELWKTLSSEE
Purity	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

Reconstitution Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.
Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name	PMS1 PMS1 postmeiotic segregation increased 1 (<i>S. cerevisiae</i>) [<i>Homo sapiens</i>]
Official Symbol	PMS1
Synonyms	PMS1; PMS1 postmeiotic segregation increased 1 (<i>S. cerevisiae</i>); PMSL1, postmeiotic segregation increased (<i>S. cerevisiae</i>) 1; PMS1 protein homolog 1; mismatch repair gene PMSL1; human homolog of yeast mutL; DNA mismatch repair protein PMS1; rhabdomyosarcoma antigen MU-RMS-40.10B; rhabdomyosarcoma antigen MU-RMS-40.10E; PMSL1; hPMS1; HNPCC3; FLJ98259; DKFZp781M0253;
Gene ID	5378
mRNA Refseq	NM_000534
Protein Refseq	NP_000525
MIM	600258
UniProt ID	P54277

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