

Product datasheet for **TP762279**

PMS1 (NM_000534) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human PMS1 postmeiotic segregation increased 1 (<i>S. cerevisiae</i>) (PMS1), transcript variant 1, Glu323-Ser423, with N-terminal His-ABP tag, expressed in E.coli, 50ug
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	A DNA sequence encoding the region(Glu323-Ser423) of PMS1
Tag:	N-His-ABP (Albumin-Binding Protein)
Predicted MW:	26.3 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	50 mM Tris-HCl, pH 8.0, 8 M urea
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_000525
Locus ID:	5378
UniProt ID:	P54277
RefSeq Size:	3239
Cytogenetics:	2q32.2
RefSeq ORF:	2796
Synonyms:	HNPCC3; hPMS1; MLH2; PMSL1



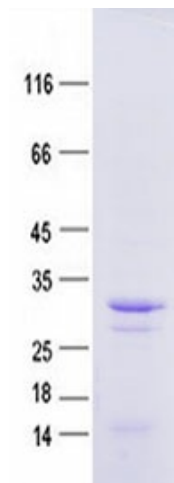
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Summary:

This gene encodes a protein belonging to the DNA mismatch repair mutL/hexB family. This protein is thought to be involved in the repair of DNA mismatches, and it can form heterodimers with MLH1, a known DNA mismatch repair protein. Mutations in this gene cause hereditary nonpolyposis colorectal cancer type 3 (HNPCC3) either alone or in combination with mutations in other genes involved in the HNPCC phenotype, which is also known as Lynch syndrome. [provided by RefSeq, Jul 2008]

Protein Families:

Druggable Genome, Transcription Factors

Product images:

Purified recombinant protein PMS1 was analyzed by SDS-PAGE gel and Coomassie Blue Staining.