

Recombinant Human MSH6 protein, His-SUMO-tagged

Cat. No. MSH6-3246H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MSH6 protein(P52701)(1-400aa), fused to N-terminal His tag and SUMO tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-400aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	60.1 kDa
AA Sequence	MSRQSTLYSFFPKSPALSDANKASARASREGGRAAAAPGASPSPGGDAAWSEAGP GPRPLARSASPPKAKNLNGGLRRSVAPAAPTSCDFSPGDLVWAKMEGYPWWPCL VYNHPFDGTFIREKGKSVRVHVQFFDDSPTRGWVSKRLLKPYTGSKSKEAQKGGH FYSAKPEILRAMQRADEALNKDKIKRLELAVCDEPSEPEEEEEEMEVGTTYVTDKSEE DNEIESEEEVQPKTQGSRRSSRQIKRRVISDSSESDIGGSDVEFKPDTKEEGSSDEIS SGVGDSSESEGLNSPVKVARKRKRMVTGNGSLKRKSSRKETPSATKQATSISSETKN TLRAFSAPQNSQAHVSGGGDDSSRPTVWYHETLEWLKEEKRRDEHRRRPDHP DFDASTLYVPE

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Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

GENE INFORMATION

Gene Name	MSH6 mutS homolog 6 (E. coli) [Homo sapiens]
Official Symbol	MSH6
Synonyms	MSH6; mutS homolog 6 (E. coli); GTBP, mutS (E. coli) homolog 6; DNA mismatch repair protein Msh6; p160; GTMBP; hMSH6; sperm-associated protein; mutS-alpha 160 kDa subunit; G/T mismatch-binding protein; GTBP; HSAP; HNPCC5;
Gene ID	2956
mRNA Refseq	NM_000179
Protein Refseq	NP_000170
MIM	600678
UniProt ID	P52701

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