Recombinant Human MUTYH protein, His-tagged

Cat. No. MUTYH-1116H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MUTYH protein(187-535 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	187-535 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
AASequence	MPRTAETLQQLLPGVGRYTAGAIASIAFGQATGVVDGNVARVLCRVRAIGADPSSTL VSQQLWGLAQQLVDPARPGDFNQAAMELGATVCTPQRPLCSQCPVESLCRARQR VEQEQLLASGSLSGSPDVEECAPNTGQCHLCLPPSEPWDQTLGVVNFPRKASRKP PREESSATCVLEQPGALGAQILLVQRPNSGLLAGLWEFPSVTWEPSEQLQRKALLQ ELQRWAGPLPATHLRHLGEVVHTFSHIKLTYQVYGLALEGQTPVTTVPPGARWLTQ EEFHTAAVSTAMKKVFRVYQGQQPGTCMGSKRSQVSSPCSRKKPRMGQQVLDNF FRSHISTDAHSLNSAAQ
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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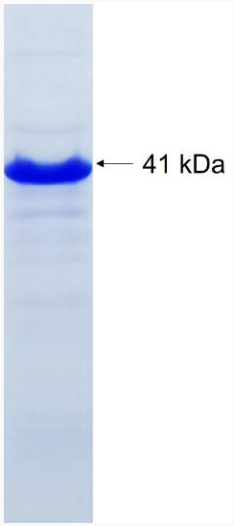
	repeat freeze-thaw cycles.
Reconstitution	Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 µg/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

GENE INFORMATION

Gene Name	MUTYH mutY homolog (E. coli) [Homo sapiens]
Official Symbol	MUTYH
Synonyms	MUTYH; mutY homolog (E. coli); mutY (E. coli) homolog; A/G-specific adenine DNA glycosylase; MYH; CYP2C; MGC4416;
Gene ID	4595
mRNA Refseq	NM_001048171
Protein Refseq	NP_001041636
MIM	604933
UniProt ID	Q9UIF7

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SDS-PAGE



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