

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 Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
AASequence	MPRTAETLQQLPGVGGRYTAGAIAAFGQATGVVDGNVARVLCRVRAIGADPSSTL VSQQLWGLAQQLVDPARPGDFNQAAAMELGATVCTPQRPLCSQCPVESLCRARQR VEQEQLLASGSLSGSPDVEECAPNTGQCHLCLPPSEPWDQTLGVVNFPRKASRKP PREESSATCVLEQPGALGAQILLVQRPNSGLLAGLWEFPSVTWEPSEQLQRKALLQ ELQRWAGPLPATHLRHLGEVVHTFSHIKLTQVYGLALEGQTPVTTVPPGARWLTQ 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 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 [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](#)

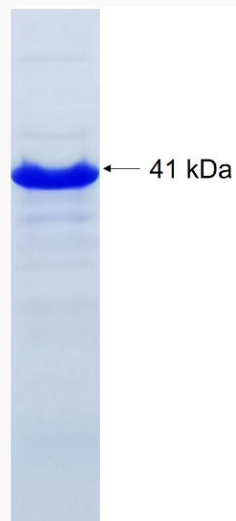
UniProt ID [Q9UIF7](#)

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SDS-PAGE



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