

Recombinant Human PATL1 protein, His-tagged

Cat. No. PATL1-3549H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PATL1 protein(278-627 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	278-627 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	LQSTDPYLDDFYQNYFEKLEKLSAAEEIQGDGPKKERTKLITPQVAKLEHAYKPVQ FEGSLGKLTVSSVNNPRKMIDAVVTSRSEDDTKEKQVRDKRRKTLVIEKTYSLLLD VEDYERRYLLSLEEERPALMDDRKHKICSMYDNLRGKLPQGERPSDDHFVQIMCIR KGKRMVARILPFLSTEQAADILMTTARNLPFLIKKDAQDEVLPCLLSPFSLLLYHLPSV SITSLLRQLMNLQPQAATPALSNPHLTAVLQNKFGLSLLILLSRGEDLQSSDPATEST QNNQWTEVMFMATRELLRIPQAALAKPISIPTNLVSLFSRYVDRQKLNLLETKLQLVQ GIR
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

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containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

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 PATL1 protein associated with topoisomerase II homolog 1 (yeast) [Homo sapiens]

Official Symbol PATL1

Synonyms Pat1b; hPat1b

Gene ID 219988

mRNA Refseq NM_152716.2

Protein Refseq NP_689929.2

MIM 614660

UniProt ID Q86TB9

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