

Recombinant Human TOR1AIP1 protein, His-tagged

Cat. No. TOR1AIP1-6744H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TOR1AIP1 protein(1-218 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-218 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 7.4). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 300 mM imidazole.
AASequence	MKTRRTTRLQQQHSEQPPLQPSPVTTRRGLRDSHSSEDEASSQTDLSTISKKT VRSIQEAPVSEDLVIRLRRPPLRYPRYEATSVQQKVNFSSEGETEEDDQDSSHSSVT VKARSRDSDESGDKTTRSSSQYIESFWQSSSQSNFTAHDKQRSVLSSGYQKTPQE WAPQTARIRTRMQNDSILKSELGNQSPSTSSRQVTGQPQNASFVKRNRWW
Purity	90%, 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 repeat freeze-thaw cycles.

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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 TOR1AIP1 torsin A interacting protein 1 [Homo sapiens]

Official Symbol TOR1AIP1

Synonyms TOR1AIP1; torsin A interacting protein 1; torsin-1A-interacting protein 1; FLJ13142; lamina associated polypeptide 1B; LAP1B; lamin-associated protein 1B; lamina-associated polypeptide 1B; LAP1; MGC3413; RP11-533E19.1; DKFZp586G011;

Gene ID 26092

mRNA Refseq NM_015602

Protein Refseq NP_056417

MIM 614512

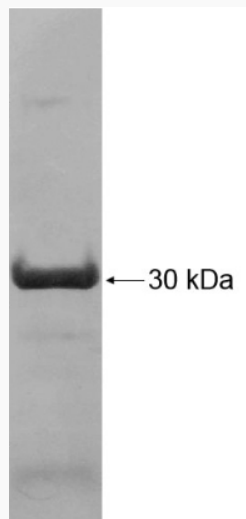
UniProt ID Q5JTV8

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SDS-PAGE



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