

Recombinant Human TOR1A protein, His-tagged

Cat. No. TOR1A-3878H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TOR1A protein(32-304 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	32-304 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.
AASequence	GVLTGYIYPRLYCLFAECCGQKRSL SREALQKDLDDNLFGQHLAKKIILNAVFGFINN PKPKKPLTSLHGWTGTGKNFVSKIIAENIYEGGLNSDYVHLFVATLHFPHASNITLYK DQLQLWIRGNVSACARSIFIDEMDKMHAGLIDAIKPFLDYDLDV DGVSYQKAMFIFL SNAGAERITDVALDFWRSGKQREDIKLKDIEHALSVSVFNKNKNSGFWHSSLIHRNLID YFVPFLPLEYKHLKMCIRVEMQSRGYEIDEDIVSRVAEEM
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 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 TOR1A torsin family 1, member A (torsin A) [Homo sapiens]

Official Symbol TOR1A

Synonyms TOR1A; torsin family 1, member A (torsin A); dystonia 1, torsion (autosomal dominant; torsin A) , DYT1; torsin-1A; DQ2; dystonia 1 protein; torsin family 1 member A; dystonia 1, torsion (autosomal dominant; torsin A); DYT1;

Gene ID 1861

mRNA Refseq NM_000113

Protein Refseq NP_000104

MIM 605204

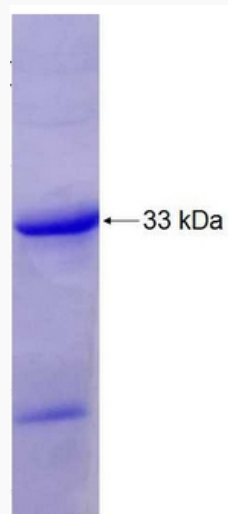
UniProt ID O14656

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SDS-PAGE



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