

Product datasheet for **TP300389L**

Torsin A (TOR1A) (NM_000113) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human torsin family 1, member A (torsin A) (TOR1A), 1 mg

Species: Human

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >RC200389 protein sequence
Red=Cloning site **Green**=Tags(s)

MKLGRAVLGLLLLAPSVVQAVEPISLGLALAGVLTGYIYPRLYCLFAECCGQKRSLREALQKDLDDNLF
GQHLAKKIILNAVFGFINNPKPKKPLTSLHGWTGTGKNFVSKIIAENIYEGGLNSDYVHLFVATLHFPH
ASNITLYKDQLQLWIRGNVSACARSIFIDEMDKMHAGLIDAIKPFDDYDLVDGVSQKAMFIFLSNAG
AERITDVALDFWRSGKQREDIKLDIEHALSVSVFNKNKSGFWHSSLIHRNLIDYFVPFLPLEYKHLKMC
IRVEMQSRGYEIDEDIVSRVAEEMTFFPKEERVFSKDGCKTVFTKLDYYYDD

SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 37.6 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

Storage: Store at -80°C.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: [NP_000104](#)

Locus ID: 1861



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UniProt ID: [O14656](#), [B3KPA1](#)

RefSeq Size: 2117

Cytogenetics: 9q34.11

RefSeq ORF: 996

Synonyms: AMC5; DQ2; DYT1

Summary: The protein encoded by this gene is a member of the AAA family of adenosine triphosphatases (ATPases), is related to the Clp protease/heat shock family and is expressed prominently in the substantia nigra pars compacta. Mutations in this gene result in the autosomal dominant disorder, torsion dystonia 1. [provided by RefSeq, Jul 2008]

Protein Families: Druggable Genome, Protease

Product images:



Coomassie blue staining of purified TOR1A protein (Cat# [TP300389]). The protein was produced from HEK293T cells transfected with TOR1A cDNA clone (Cat# [RC200389]) using MegaTran 2.0 (Cat# [TT210002]).