

Product datasheet for TP300389L

OriGene Technologies, Inc.

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

MKLGRAVLGLLLLAPSVVQAVEPISLGLALAGVLTGYIYPRLYCLFAECCGQKRSLSREALQKDLDDNLFGQHLAKKIILNAVFGFINNPKPKKPLTLSLHGWTGTGKNFVSKIIAENIYEGGLNSDYVHLFVATLHFPHASNITLYKDQLQLWIRGNVSACARSIFIFDEMDKMHAGLIDAIKPFLDYYDLVDGVSYQKAMFIFLSNAGAERITDVALDFWRSGKQREDIKLKDIEHALSVSVFNNKNSGFWHSSLIHRNLIDYFVPFLPLEYKHLKMC

IRVEMQSRGYEIDEDIVSRVAEEMTFFPKEERVFSDKGCKTVFTKLDYYYDD

SGPTRTRPLEQKLISEEDLAANDILDYKDDDDK**V**

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





Torsin A (TOR1A) (NM_000113) Human Recombinant Protein - TP300389L

UniProt ID: <u>014656</u>, <u>B3KPA1</u>

RefSeq Size: 2117
Cytogenetics: 9q34.11
RefSeq ORF: 996

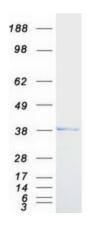
Synonyms: AMC5; DQ2; DYT1

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]).