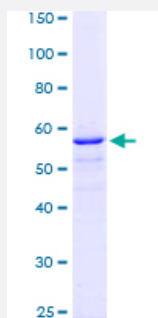


TOR1A (Human) Recombinant Protein (Q01)

Catalog # H00001861-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human TOR1A partial ORF (AAH00674.1, 1 a.a. - 332 a.a. (del303E)) recombinant protein with GS T-tag at N-terminal.
Sequence	MKLGRAVLGLLLLAPSVVQAVEPISLGLALAGVLTGYYPRLYCLFAECCGQKRSLREALQKDLD DNLFGQHLAKKIIILNAVFGFINNPKPKKPLTSLHGWGTGTGKNFVSKIIAENIYEGGLNSDYVHLFVAT LHFPHASNITLYKDQLQLWIRGNVSACARSIFIDEMDKMHAGLIDAIKPFLDYDLVDGVSQKAM FIFLSNAGAERTDVALDFWRSGKQREDIKLDIEHALSVSVFNNKNSGFHSSLIHRNLIDYFVPFL PLEYKHLKMCIRVEMQSRGYEIDEDIVSRVAEMTFFPKEERVFSKDGCKTVFTKLDYYDD
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	62.04
Interspecies Antigen Sequence	Mouse (90); Rat (91)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — TOR1A

Entrez GeneID [1861](#)

GeneBank Accession# [BC000674](#)

Protein Accession# [AAH00674.1](#)

Gene Name TOR1A

Gene Alias DQ2, DYT1

Gene Description torsin family 1, member A (torsin A)

Omim ID [128100 605204](#)

Gene Ontology [Hyperlink](#)

Gene 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]

Other Designations OTTHUMP00000022349[dystonia 1, torsion (autosomal dominant; torsin A)]torsin A

Disease

- [Blepharospasm](#)
- [Dystonia](#)

- [Dystonia Musculorum Deformans](#)
- [Dystonic Disorders](#)
- [Functional Laterality](#)
- [Genetic Predisposition to Disease](#)
- [Movement Disorders](#)
- [Orientation](#)
- [Parkinson disease](#)
- [Psychomotor Performance](#)
- [Reaction Time](#)
- [Torticollis](#)