

Recombinant Full Length Human TOR1A Protein

Cat. No. TOR1A-528HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human Torsin A with N-terminal proprietary tag.Mol Wt 62.63 kDa inclusive of tag.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	332 amino acids
Description	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.
Form	Liquid
Molecular Mass	62.630kDa inclusive of tags
AA Sequence	<p>MKLGRAVLGLLLLAPSVVQAVEPISLGLALAGVLTGYIYP RLYCLFAECCGQKRSL</p> <p>REALQKDLDDNLFQHLAKKIIL NAVFGFINNPCKPKPLTSLHGWTGTGKNFVSKII</p> <p>AENIY EGGLNSDYVHLFVATLHFPHASNITLYKDQLQLWIRGNVS ACARSIFIDEM</p> <p>DKMHAGLIDAIKPFLDYDLVDGVSYQK AMFIFLSNAGAERITDVALDFWRSGKQRE</p> <p>DIKLKDIEHAL SVSVFNNKNSGFHWSSLIHRNLIDYFVPFLPLEYKHLKMC IRVEMQS</p> <p>RGYEIDEDIVSRVAEEMTFFPKEERVFSKDGCK TVFTKLDYYYDD</p>

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Purity	Proprietary Purification
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80 centigrade. Avoid freeze / thaw cycles.
Storage Buffer	pH: 8.00. Constituents:0.79% Tris HCl, 0.31% Glutathione.

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
Gene ID	1861
mRNA Refseq	NM_000113
Protein Refseq	NP_000104
MIM	605204
UniProt ID	O14656

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