

## Product datasheet for **AR50875PU-N**

### Torsin-1A (TOR1A) (21-332, His-tag) Human Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Torsin-1A (TOR1A) (21-332, His-tag) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MVEPISLGLA LAGVLTGYIY PRLYCLFAEC CGQKRSLRSRE ALQKDLDDNL FGQHLAKKII LNAVFGFINN PKPKKPLTLS LHGWTGTGKN FVSKIIAENI YEGGLNSDYV HLFVATLHFP HASNITLYKD QLQLWIRGNV SACARSIFIF DEMDKMHAGL IDAIKPFLDY YDLVDGVSQY KAMFIFLSNA GAERITDVAL DFWRSGKQRE DIKLDIEHA LSVSVFNNKN SGFWHSSLIH RNLIDYFVPF LPLEYKHLKM CIRVEMQSRG YEIDEDIVSR VAEEMTFFPK EERVFSKGC KTVFTKLDYY YDD
Tag:	His-tag
Predicted MW:	38 kDa
Concentration:	lot specific
Purity:	>90% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.4M Urea, 10% glycerol
Preparation:	Liquid purified protein
Protein Description:	Recombinant human TOR1A protein, His-tag at N-terminus, was expressed in E.coli.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<a href="#">NP_000104</a>
Locus ID:	1861
UniProt ID:	<a href="#">O14656</a> , <a href="#">B3KPA1</a>
Cytogenetics:	9q34.11
Synonyms:	AMC5; DQ2; DYT1



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**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:**