

Product datasheet for AR50875PU-N

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

Product data:

OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

| 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 CGQKRSLSRE ALQKDLDDNL FGQHLAKKII LNAVFGFINN PKPKKPLTLS LHGWTGTGKN FVSKIIAENI YEGGLNSDYV HLFVATLHFP HASNITLYKD QLQLWIRGNV SACARSIFIF DEMDKMHAGL IDAIKPFLDY YDLVDGVSYQ KAMFIFLSNA GAERITDVAL DFWRSGKQRE DIKLKDIEHA LSVSVFNNKN SGFWHSSLIH RNLIDYFVPF LPLEYKHLKM CIRVEMQSRG YEIDEDIVSR VAEEMTFFPK EERVFSDKGC 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: | <u>NP 000104</u> |
| Locus ID: | 1861 |
| UniProt ID: | <u>O14656</u> , <u>B3KPA1</u> |
| Cytogenetics: | 9q34.11 |
| Synonyms: | AMC5; DQ2; DYT1 |



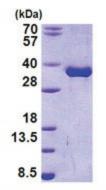
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| | Torsin-1A (TOR1A) (21-332, His-tag) Human Protein – AR50875PU-N |
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| Summary: | The protein encoded by this gene is a member of the AAA family of adenosine triphosphatases (ATPases), is related 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:



15% SDS-PAGE (3ug)

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