

Recombinant Human TOR1AIP2 protein, His & T7-tagged

Cat. No. TOR1AIP2-1572H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TOR1AIP2 aa. (Thr249~Leu475) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Thr249~Leu475
Description	One of the two protein isoforms encoded by this gene is a type II integral membrane protein found in the endoplasmic reticulum (ER). The encoded protein is a cofactor for the ATPase TorsinA, regulating the amount of TorsinA present in the ER compared to that found in the nuclear envelope. Defects in this protein are a cause of early onset primary dystonia, a neuromuscular disease. The other isoform encoded by this gene is an interferon alpha responsive protein whose cellular role has yet to be determined.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 28.9kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Applications	SDS-PAGE; WB; ELISA; IP.

 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

Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Isoelectric Point	6

GENE INFORMATION

Gene Name	TOR1AIP2 torsin 1A interacting protein 2 [Homo sapiens (human)]
Official Symbol	TOR1AIP2
Synonyms	TOR1AIP2; torsin 1A interacting protein 2; NET9; LULL1; IFRG15; torsin-1A-interacting protein 2; interferon alpha responsive protein; 15 kDa interferon-responsive protein; interferon responsive gene 15; luminal domain like LAP1; torsin A interacting protein 2
Gene ID	163590
mRNA Refseq	NM_001199260.1
Protein Refseq	NP_001186189.1

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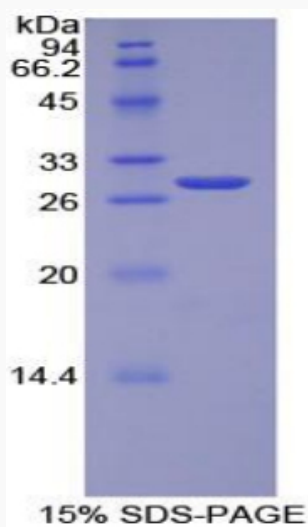
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UniProt ID

Q8NFQ8

SDS-PAGE



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