

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.

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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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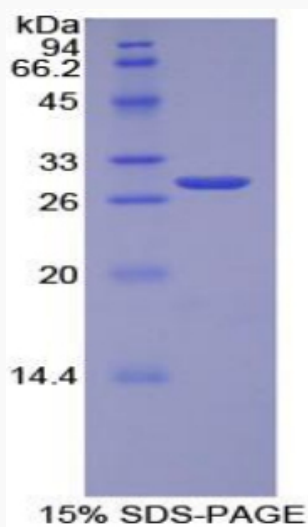
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UniProt ID

Q8NFQ8

SDS-PAGE

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