

Recombinant Mouse Taz protein, His & T7-tagged

Cat. No. Taz-1228M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Taz aa. (Asn46~Phe240 (Accession # I7HJS2) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Asn46~Phe240
Description	This gene encodes a mitochondrial phospholipid-lysophospholipid transacylase necessary for normal composition and content of cardiolipin. In humans, mutations of this gene result in Barth syndrome, most often characterized by cardioskeletal myopathy, neutropenia and abnormal mitochondria. This gene is distinct from the gene encoding transcriptional coactivator with PDZ binding motif. Both genes share the gene symbol Taz. Multiple transcript variants encoding different isoforms have been described.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 26.2kDa.
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%

 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

Characteristic	The isoelectric point is 9.0.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate of the target protein. 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. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein 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.

GENE INFORMATION

Gene Name	Taz tafazzin [<i>Mus musculus</i> (house mouse)]
Official Symbol	Taz
Synonyms	Taz; tafazzin; G4.5; AW107266; AW552613; 5031411C02Rik; 9130012G04Rik
Gene ID	66826
mRNA Refseq	NM_001173547.2
Protein Refseq	NP_001167018.1

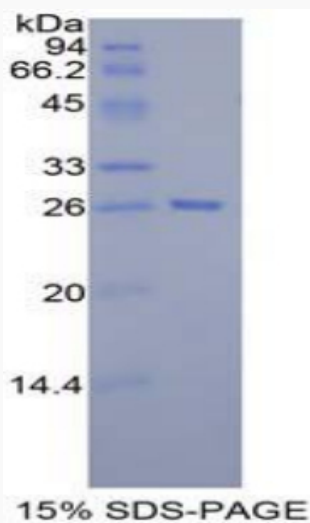
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UniProt ID I7HJS2

SDS-PAGE



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