

Tafazzin (TAZ) Recombinant Protein | TAZ recombinant protein

Recombinant Tafazzin (TAZ)

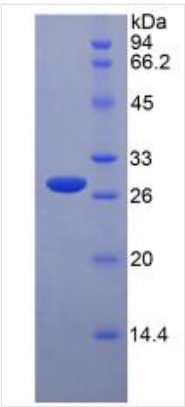
CATALOG # AAA134474	HOST E Coli	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

Tafazzin (TAZ); Recombinant Tafazzin (TAZ); TAZ recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	>97%
Concentration	Original Concentration: 200 ug/mL (varies by lot)
Sequence Length	262
Applicable Applications for TAZ recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Organism Species	Rattus norvegicus (Rat)
Source	Prokaryotic expression
Residues	Asn46~Phe239
Tags	N-terminal His Tag
Traits	Freeze-dried powder
Buffer formulation	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Predicted isoelectric point	9.0
Predicted Molecular Mass	26.1kDa
Accurate Molecular Mass	27kDa as determined by SDS-PAGE reducing conditions.
Usage	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months. Stability Test: 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.



Sequence

YELIENRGPA	TPLITVSNHQ	SCMDPHLWG	ILKLRHIWNL	KLMRWTPAAA	NKEVL
DICFTKELHS	HFFSLGKCV	VCRGDGVYQK	GMDFILEKLN	HGDWVHIFPE	
GKVNMSSEFL	RFKVGIGRLI	AECHLNPIIL	PLWHVGMNDV	LPNSPPYFPR	
FGQKITVLIG	KPFSTLPVLE	RLRAENKSAV	EMRKALTD		

SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	71043828
NCBI GeneID	363521
NCBI Accession #	NP_001020919.1
NCBI GenBank Nucleotide #	NM_001025748.1
UniProt Accession #	Q4KLG6
NCBI Official Full Name	tafazzin
NCBI Official Synonym Full Names	tafazzin
NCBI Official Symbol	Taz
NCBI Protein Information	tafazzin; Barth syndrome); endocardial fibroelastosis 2; tafazzin (cardiomyopathy, dilated 3A (X-linked); tafazzin (cardiomyopathy, dilated 3A (X-linked); endocardial fibroelastosis 2; Barth syndrome)
UniProt Protein Name	Protein Taz
UniProt Gene Name	Taz
UniProt Synonym Gene Names	Taz_mapped
UniProt Entry Name	Q4KLG6_RAT

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.