

Recombinant Rat Taz protein, His-tagged

Cat. No. Taz-1229R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Taz aa. (Asn46~Phe239 fused with N-terminal His tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Asn46~Phe239
Description	Human homolog may play a role in cardiolipin metabolism.
Form	Freeze-dried powder
Molecular Mass	27kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>98%
Characteristic	The isoelectric point is 9.0.
Applications	SDS-PAGE; WB; ELISA; IP; CoIP; Purification; Amine Reactive Labeling.
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,

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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.
Concentration	200µg/mL
Storage buffer	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0mg/mL. Do not vortex.

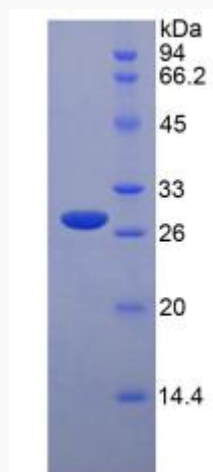
GENE INFORMATION

Gene Name	Taz tafazzin [<i>Rattus norvegicus</i> (Norway rat)]
Official Symbol	Taz
Synonyms	Taz; tafazzin; Barth syndrome); cardiomyopathy, dilated 3A (X-linked); endocardial fibroelastosis 2; tafazzin (cardiomyopathy, dilated 3A (X-linked); tafazzin (cardiomyopathy, dilated 3A (X-linked); endocardial fibroelastosis 2; Barth syndrome)
Gene ID	363521
mRNA Refseq	NM_001025748.1
Protein Refseq	NP_001020919.1
UniProt ID	Q4KLG6

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SDS-PAGE

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