

Recombinant Rat Tjap1 Protein, His-tagged

Cat. No. Tjap1-418R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Tjap1 Protein (Met1-Ala225) with N-His tag was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Met1-Ala225
Description	Predicted to be involved in Golgi organization. Predicted to be located in Golgi apparatus; endosome; and plasma membrane. Predicted to be active in trans-Golgi network. Orthologous to human TJAP1 (tight junction associated protein 1).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 29.8 kDa Accurate Molecular Mass: 30 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
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 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is

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less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Storage Buffer

PBS, pH7.4, containing 0.01% SKL, 1 mM DTT, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in sterile water to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name

Tjap1 tight junction associated protein 1 [*Rattus norvegicus* (Norway rat)]

Official Symbol

Tjap1

Synonyms

TJAP1; tight junction associated protein 1; tight junction-associated protein 1; tight junction protein 4 (peripheral); Tjp4

Gene ID

316233

mRNA Refseq

NM_001108203

Protein Refseq

NP_001101673

UniProt ID

D3ZU31

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