

Recombinant Human TJAP1 Protein, His-tagged

Cat. No. TJAP1-416H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TJAP1 Protein (Ala4-Gly272) with N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Ala4-Gly272
Description	This gene encodes a tight junction-associated protein. Incorporation of the encoded protein into tight junctions occurs at a late stage of formation of the junctions. The encoded protein localizes to the Golgi and may function in vesicle trafficking. Alternatively spliced transcript variants have been described. A related pseudogene exists on the X chromosome.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 34.3 kDa Accurate Molecular Mass: 34 kDa
Purity	> 95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by

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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 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 (peripheral) [Homo sapiens (human)]

Official Symbol

TJAP1

Synonyms

TJAP1; tight junction associated protein 1 (peripheral); tight junction protein 4 (peripheral), TJP4; tight junction-associated protein 1; PILT; tight junction protein 4 (peripheral); protein incorporated later into tight junctions; TJP4; DKFZp686F06131

Gene ID

93643

mRNA Refseq

NM_001146016

Protein Refseq

NP_001139488

MIM

612658

UniProt ID

Q5JTD0

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