

# Recombinant Mouse Tjap1 Protein, His-tagged

**Cat. No.** Tjap1-417M    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                 |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Mouse Tjap1 Protein (Glu20-Met258) with N-His tag was expressed in E. coli.                                                                                                                                                                         |
| <b>Species</b>          | Mouse                                                                                                                                                                                                                                                           |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                          |
| <b>ProteinLength</b>    | Glu20-Met258                                                                                                                                                                                                                                                    |
| <b>Description</b>      | Acts upstream of or within Golgi organization. Located in endosome; plasma membrane; and trans-Golgi network. Is expressed in tongue muscle and vertebral axis musculature. Orthologous to human TJAP1 (tight junction associated protein 1).                   |
| <b>Form</b>             | Freeze-dried powder                                                                                                                                                                                                                                             |
| <b>Molecular Mass</b>   | Predicted Molecular Mass: 31.1 kDa<br>Accurate Molecular Mass: 31 kDa                                                                                                                                                                                           |
| <b>Purity</b>           | > 90%                                                                                                                                                                                                                                                           |
| <b>Applications</b>     | Positive Control; Immunogen; SDS-PAGE; WB.                                                                                                                                                                                                                      |
| <b>Stability</b>        | 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 [ Mus musculus (house mouse) ]

**Official Symbol**

Tjap1

**Synonyms**

TJAP1; tight junction associated protein 1; tight junction-associated protein 1; hdlg-binding protein Pilt; tight junction protein 4 (peripheral); protein incorporated later into tight junctions; Pilt; Tjp4; AI415281; AW121008; 0610041D19Rik

**Gene ID**

74094

**mRNA Refseq**

NM\_001252473

**Protein Refseq**

NP\_001239402

**UniProt ID**

Q9DCD5

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