

Recombinant Rat Mpp3 protein, His & T7-tagged

Cat. No. Mpp3-7831R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Mpp3 aa. (Ser385~Glu570 (Accession # O88954)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Ser385~Glu570
Description	A protein related to CASK that may play a role in synaptic vesicle exocytosis and synaptic junctions.
Form	Freeze-dried powder
Molecular Mass	30kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 6.
Applications	SDS-PAGE; WB; ELISA; IP
Stability	The thermal stability is described by the loss rate of the target protein. The loss rate

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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. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein 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.

Storage Buffer

Supplied as lyophilized form in 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% trehalose, and preservative.

Reconstitution

Reconstitute in sterile ddH₂O.

GENE INFORMATION

Gene Name

Mpp3 membrane palmitoylated protein 3 [*Rattus norvegicus* (Norway rat)]

Official Symbol

Mpp3

Synonyms

Mpp3; membrane palmitoylated protein 3; Dlg3; CSG18; Dusp3; MAGUK p55 subfamily member 3; discs large homolog 3; membrane protein, palmitoylated 3 (MAGUK p55 subfamily member 3); protein Dlg3; protein MPP3

Gene ID

114202

mRNA Refseq

NM_053668.1

Protein Refseq

NP_446120.1

UniProt ID

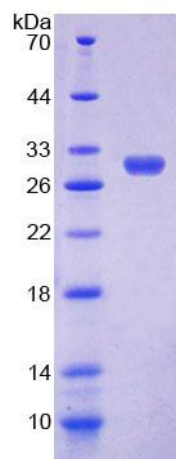
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SDS-PAGE



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