

Recombinant Mouse Rims2 Protein, His-tagged

Cat. No. Rims2-2018M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Rims2 Protein (Val1346-Ser1530) with N-His tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Val1346-Ser1530
Description	Enables transmembrane transporter binding activity. A structural constituent of presynaptic active zone. Involved in neurotransmitter secretion; positive regulation of gene expression; and regulation of nervous system process. Acts upstream of or within several processes, including adenylate cyclase-modulating G protein-coupled receptor signaling pathway; regulation of exocytosis; and signal release. Located in GABA-ergic synapse and inhibitory synapse. Is active in glutamatergic synapse. Is expressed in testis. Orthologous to human RIMS2 (regulating synaptic membrane exocytosis 2).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 24 kDa Accurate Molecular Mass: 26 kDa
Purity	> 97%

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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 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, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in PBS or others.

GENE INFORMATION

Gene Name	Rims2 regulating synaptic membrane exocytosis 2 [Mus musculus (house mouse)]
Official Symbol	Rims2
Synonyms	RIMS2; regulating synaptic membrane exocytosis 2; regulating synaptic membrane exocytosis protein 2; RIM 2; Rab3 interacting protein 1; Rab3 interacting protein 2; rab3-interacting protein 2; rab-3-interacting protein 2; synaptic exocytosis regulator 2; synaptotagmin 3, related sequence; RIM2; Serg2; Rab3ip2; Syt3-rs; AW048769; Rim2(+4A); mKIAA0751; Rim2(+40A); Rim2(+44A); 2810036I15Rik;
Gene ID	116838
mRNA Refseq	NM_001256382
Protein Refseq	NP_001243311

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



UniProt ID

Q9EQZ7

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA