

## PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



### CRMP-3 (C132) Peptide

Cat No.: BS3849P

#### Background

Collapsin response mediator proteins (CRMPs), including CRMP-1 (DRP-1), CRMP-2 (DRP-2 or TOAD64), CRMP-3 (DRP-4), CRMP-4 (DRP-3) and CRMP-5 (DRP-5), mediate signal transduction after exposure of neural cells to the axon guidance molecule Semaphorin 3A (SEMA3A)/collapsin. CRMPs are present in the developing cerebral cortex and neocortical neurons and are responsive to SEMA3A. In the adult brain, the expression of CRMPs is dramatically downregulated. However, they remain expressed in structures that retain their capacity for differentiation and plasticity. CRMP-3 is expressed transiently in developing spinal cord and selectively in the postnatal cerebellum.

#### Swiss-Prot

O14531

#### Applications

Blocking

#### Specificity

This peptide can be used with studies using BS3849 CRMP-3 (C132) pAb.

#### Purification & Purity

Synthetic peptide CRMP-3 (C132). (Note: the amino acid sequence is proprietary). The purity is > 98%.

#### Product

1 mg/ml in DI water.

#### Storage & Stability

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

#### Research Use

For research use only, not for use in diagnostic procedure.