

Collapsin response mediator protein family

Collapsin response mediator protein family or CRMP family consists of five intracellular phosphoproteins (CRMP-1, [CRMP2](#), CRMP-3, CRMP4, CRMP5) of similar molecular size (60–66 kDa) and high (50–70%) amino acid sequence identity. CRMPs are predominantly expressed in the nervous system during development and play important roles in axon formation from neurites and in growth cone guidance and collapse through their interactions with microtubules.

Cleaved forms of CRMPs have also been linked to neuron degeneration after trauma induced injury.

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