

Recombinant Chicken Mitogen-Activated Protein Kinase 9 (MAPK9)

Cat. No.: AP2C319

Product Type: Animal Proteins

Size: 20 µg; 100 µg; 1 mg

Product Overview

BioVenic's Recombinant Chicken Mitogen-Activated Protein Kinase 9 (MAPK9) is a recombinant protein expressed from *E.coli*. Its predicted molecular weight is 44.0 kDa. The purity is >85% (SDS-PAGE).

Specifications

Type	Recombinant Protein
Species	Chicken
Expression System	<i>E.coli</i>
Purity	>85% (SDS-PAGE)
Predicted Molecular Weight	44.0 kDa
Physical State	Lyophilized
Formulation	Tris/PBS-based buffer, 5%-50% glycerol.

Target Information

Chicken mitogen-activated protein kinase 9 (MAPK9) is a member of the JNK family, involved in cellular signaling. It regulates cell proliferation, differentiation, and apoptosis during embryonic development. Additionally, MAPK9 participates in immune responses, modulating inflammatory factor expression and enhancing cellular resistance to oxidative stress. In the nervous system, MAPK9 supports neuronal survival and synaptic plasticity, facilitating learning and memory functions.

Protein	Chicken Mitogen-Activated Protein Kinase 9 (MAPK9)
Protein Synonym	MAPK9; JNK2; Mitogen-activated protein kinase 9; MAP kinase 9; MAPK 9
Gene ID	395983
UniProt ID	P79996

Shipping and Storage

This product is shipped with ice packs. Lyophilized protein can be stored at -20°C for 1 year. After reconstitution, the protein solution can be stored at 2-8°C for 2-7 days.

User Note

Always centrifuge tubes before opening. Avoid mixing by vortexing or pipetting. Aliquot the reconstituted solution to minimize freeze-thaw cycles.

The product is for research use only. Not for commercial, prophylactic, diagnostic, or therapeutic applications. Please determine the purpose of the product before purchasing. For further information and inquiry, please contact us.