

Biotin-myelin basic protein (94-102)

Cat. No.:	HY-P3828
CAS No.:	923949-88-6
Molecular Formula:	$C_{49}H_{84}N_{20}O_{13}S$
Molecular Weight:	1193.38
Sequence:	{Biotin}-Ala-Pro-Arg-Thr-Pro-Gly-Gly-Arg-Arg
Sequence Shortening:	{Biotin}-APRTPGGRR
Target:	Fluorescent Dye
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description

Biotin-myelin basic protein (94-102) is a peptide fragment. Myelin basic protein is responsible for adhesion of the cytosolic surfaces of multilayered compact myelin, it plays an important role in the process of myelination of nerves in the nervous system. Myelin basic protein also acts as a membrane actin-binding protein, which might allow it to participate in transmission of extracellular signals to the cytoskeleton in oligodendrocytes and tight junctions in myelin^[1].

REFERENCES

[1]. Boggs JM. Myelin basic protein: a multifunctional protein. Cell Mol Life Sci. 2006 Sep;63(17):1945-61.

Caution: Product has not been fully validated for medical applications. For research use only.

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