



LKT Laboratories, Inc.

Myelin Basic Protein (87-99), guinea pig/human

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Product Information

Product ID M9644

CAS No.

Chemical Name

Synonym MBP

Formula C₇₄H₁₁₄N₂₀O₁₇

Formula Wt. 1555.8

Melting Point

Purity ≥95%

Solubility Soluble in water.

Store Temp -20° C

Ship Temp Ambient

Description Myelin basic protein (87-99) is an immunodominant peptide epitope observed in multiple sclerosis; it may be used to induce immune tolerance and downregulate T cell reactivity to myelin.

H-Tyr-Gly-Ser-Leu-Pro-Gln-
Lys-Ser-Gln-Arg-Ser-Gln-Asp-
Glu-Asn-OH

Bulk quantities available upon request

Product ID	Size
M9644	1 mg
M9644	2 mg
M9644	5 mg

References Mantzourani ED, Platts JA, Brancale A, et al. Molecular dynamics at the receptor level of immunodominant myelin basic protein epitope 87-99 implicated in multiple sclerosis and its antagonists altered peptide ligands: triggering of immune response. *J Mol Graph Model.* 2007 Sep;26(2):471-81. PMID: 17392002.

Liu JQ, Bai XF, Shi FD, et al. Inhibition of experimental autoimmune encephalomyelitis in Lewis rats by nasal administration of encephalitogenic MBP peptides: synergistic effects of MBP 68-86 and 87-99. *Int Immunol.* 1998 Aug;10(8):1139-48. PMID: 9723700.

Caution: This product is intended for laboratory and research use only. It is not for human or drug use.