



LKT Laboratories, Inc.

Myelin Oligodendrocyte Glycoprotein (35-55), rat

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Product Information

Product ID M9645

CAS No. 163913-87-9

Chemical Name

Synonym MOG (35-55)

Formula $C_{118}H_{177}N_{35}O_{29}S$

Formula Wt. 2581.99

Melting Point

Purity $\geq 98\%$

Solubility Soluble in water.

Store Temp $-20^{\circ}C$

Ship Temp Ambient

Description Myelin oligodendrocyte glycoprotein (35-55) is a peptide used to induce experimental autoimmune encephalitis (EAE) via immunization; it is an antigen that induces an immune response against myelin designed to mimic conditions of multiple sclerosis.

Met-Glu-Val-Gly-Trp-Tyr-Arg-Ser-Pro-Phe-Ser-Arg-Val-Val-His-Leu-Tyr-Arg-Asn-Gly-Lys

Bulk quantities available upon request

Product ID	Size
M9645	1 mg
M9645	2 mg
M9645	5 mg

References Zhu D, Liu M, Yang Y, et al. Ginsenoside Rd ameliorates experimental autoimmune encephalomyelitis in C57BL/6 mice. *J Neurosci Res.* 2014 May 2. [Epub ahead of print]. PMID: 24798871.

Sosa RA, Murphey C, Ji N, et al. The kinetics of myelin antigen uptake by myeloid cells in the central nervous system during experimental autoimmune encephalomyelitis. *J Immunol.* 2013 Dec 15;191(12):5848-57. PMID: 24227784.

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