

Rev01
Update: Dec,28,2022

DATASHEET

Myelin Oligodendrocyte Glycoprotein Peptide (35-55), mouse, rat

Cat. No.: RP10245

Overview

Synonyms	MOG(35-55)
Description	Myelin oligodendrocyte glycoprotein (MOG) is found exclusively in the CNS, where it is localized on the surface of myelin and oligodendrocyte cytoplasmic membranes and has been implicated as an important autoantigen in multiple sclerosis (MS). This peptide induces severe chronic experimental autoimmune encephalomyelitis in transgenic mice.
Cas No	163913-87-9
Sequence	{MET}{GLU}{VAL}{GLY}{TRP}{TYR}{ARG}{SER}{PRO}{PHE}{SER}{ARG}{VAL}{VAL}{HIS}{LEU}{TYR}{ARG}{ASN}{GLY}{LYS}
Sequence Shortening	MEVGWYRSPFSRVVHLYRNGK
Molecular Formula	C ₁₁₈ H ₁₇₇ N ₃₅ O ₂₉ S ₁
Molecular Weight	2581.98

Properties

Purity	95%
Solubility	Recommended to reconstitute the lyophilized MOG in sterile 18 MΩ-cm H ₂ O of not less than 100 µg/ml. This solution can then be further diluted to other aqueous solutions.
Form	Lyophilized
Storage	Store at -20°C.