PE-01AAA95-P

MOG (63-83) Peptide Powder

21-mer peptide based on MOG

Address: 8755 Ash Street, Suite 1
Vancouver, British Columbia,
Canada V6P 6T3

Email: info@kinexus.ca
Phone: 604-323-2547

Target Protein

Name Long:	Myelin oligodendrocyte glycoprotein
Name Alias:	Myelin/oligodendrocyte glycoprotein precursor, myelin oligodendrocyte glycoprotein, isoform CRA_b
Species Origin:	Mouse (Mus musculus)
UniProt ID:	Q61885

Peptide Structure

Peptide Name:	MOG (63-83)
Peptide Origin:	Internal sequence in target protein.
Peptide Sequence Location:	M63-K83
Peptide Sequence:	MEVGWYRSPFSRVVHLYRNGK
Peptide N-Terminus:	Free amino
Peptide C-Terminus:	Amide
Peptide Modifications Other:	None

Production

Peptide Production Method:	Solid-phase peptide synthesis
Calculated Peptide Mass:	2581.1
% Peptide Purity:	> 95
Peptide Appearance:	White powder
Peptide Form:	Solid
Peptide Solubility:	Dissolve in 50 µl DMSO and dilute to desired concentration with water or aqueous buffer
Lot Number:	#60130 / KSP01CAJ
Amount:	1 mg
Storage Conditions:	Frozen at -20°C
Storage Stability:	Over 1 year at -20°C

Applications

Product Use:	This peptide can help to induce EAE (experimental autoimmune encephalomyelitis) in mice.