

Myelin PLP Peptide

Myelin Proteolipid Protein (139-151)

CATALOG #
AAA60661

PRODUCT SYNONYMS

Myelin PLP; Myelin Proteolipid Protein (139-151); Myelin PLP (139-151); Myelin PLP peptide

PRODUCT SPECIFICATIONS

Form/Format	Trifluoroacetate Salt
Sequence	H-HSLGKWLG HPDKF-OH
Product	Research Grade Custom Peptide
Formula	C ₇₂ H ₁₀₄ N ₂₀ O ₁₇
Solubility	1 mg in 50 ul of distilled sterile H2O 1 mg in 50 ul of 3% acetic acid (AcOH) 1 mg in 50 ul of DMSO; and remains in solution upon further dilution with sterile H2O Insoluble: PBS
Preparation and Storage	Please store dry and frozen (-20°C). The undissolved peptide is stable below -20°C in the dark for more than one year. The solution stability has not been tested, therefore, prompt use is recommended.

IMAGES

Quality Control Specifications:		
QC Test	QC Specifications	Results
Purity by HPLC	>99% by percent area	Pass
Mass Identification by Mass Spectral Analysis	Calculated Mass within +/-1 Da of average Molecular Weight: 1521.76	Pass
Concentration / Net Peptide Content	Amino Acid Analysis (AAA) determining original concentration/net peptide content.	64.2%
Composition (Amino Acid Analysis)	Asp (1) Leu (2)	0.99 2.00
	Ser (1) Phe (1)	0.93 1.05
	Pro (1) His (2)	0.99 2.01
	Gly (2) Lys (2)	1.99 2.00
Salt Form	Trifluoroacetate Salt (TFA)	Trifluoroacetate (TFA)

Quality Control
Specifications

ADDITIONAL INFORMATION

Related Product Information for Myelin PLP peptide	Encephalitogenic Determinant
Product Categories/Family for Myelin PLP peptide	Biologically Active Peptides; Experimental Autoimmune Encephalomyelitis Products

NCBI AND UNIPROT INFORMATION

Molecular Weight	1521.76
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For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

