

Myelin Basic Protein(87-99) TFA

Cat. No.:	HY-P1052A
Molecular Formula:	C ₇₆ H ₁₁₅ N ₂₀ O ₁₉ F ₃
Molecular Weight:	1669.82
Sequence:	Val-His-Phe-Phe-Lys-Asn-Ile-Val-Thr-Pro-Arg-Thr-Pro
Sequence Shortening:	VHFFKNIVTPRTP
Target:	Others
Pathway:	Others
Storage:	Sealed storage, away from moisture and light, under nitrogen Powder -80°C 2 years -20°C 1 year * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light, under nitrogen)

BIOLOGICAL ACTIVITY

Description

Myelin Basic Protein(87-99) TFA is an encephalitogenic peptide that induces basic protein-specific T cell proliferation. Myelin Basic Protein(87-99) TFA causes a Th1 polarization in peripheral blood mononuclear cells with is implicated of multiple sclerosis (MS)^{[1][2]}.

REFERENCES

- [1]. R E Jones, et al. The synthetic 87-99 peptide of myelin basic protein is encephalitogenic in Buffalo rats. J Neuroimmunol. 1992 Apr;37(3):203-12.
- [2]. George Deraos, et al. Citrullination of linear and cyclic altered peptide ligands from myelin basic protein (MBP(87-99)) epitope elicits a Th1 polarized response by T cells isolated from multiple sclerosis patients: implications in triggering disease. J M

Caution: Product has not been fully validated for medical applications. For research use only.

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