



Product Data Sheet

Product Name:	PrP (106-126)	
Catalog Number:	AS-61160 (1 mg)	Lot Number: See label on vial
Sequence:	H-Lys-Thr-Asn-Met-Lys-His-Met-Ala-Gly-Ala-Ala-Ala-Ala-Gly-Ala-Val-Val-Gly-Gly-Leu-Gly-OH (3-letter code) KTNMKHMAGAAAAGAVVGGLG (1-letter code)	
Molecular Weight:	1912.3	
Peptide Purity:	>95%	
Appearance:	Lyophilized white powder	

Peptide Reconstitution: Initially try to dissolve a small amount of PrP (106-126) peptide in water. If peptide does not dissolve, PrP (106-126) peptide is freely soluble in DMSO.

Storage: PrP (106-126) peptide is shipped at ambient temperature. Upon receipt, store lyophilized peptide at -20°C or lower. Reconstituted peptide can be aliquoted and stored at -20°C or lower.

Description: This peptide increases membrane microviscosity, intracellular Ca^{2+} concentration and cell migration in circulating leucocytes, and oxygen production in monocytes and neutrophils. It also induces apoptotic cell death and impairment of L-type voltage-sensitive calcium channel activity in the GH3 cell lines. PrP (106–126) stimulates leucocyte migration in a dose-dependent manner. Ref: Florio, T. et al. *J. Neurosci. Res.* **54**, 341 (1998).

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