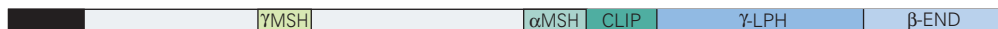


## A Precursor protein

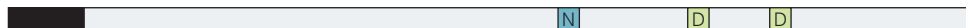
### Pre-proenkephalin



### Pre-proopiomelanocortin



### Pre-prodynorphin



### Pre-proorphanin FQ



## B Proteolytically processed opioid peptides

		Amino acid sequence
	Methionine-enkephalin	<b>Tyr Gly Gly Phe Met</b> OH
	Leucine-enkephalin	<b>Tyr Gly Gly Phe</b> Leu OH
	β-Endorphin	<b>Tyr Gly Gly Phe</b> Met Thr Ser Glu Lys Ser Gln Thr Pro Leu Val Thr Leu Phe Lys Asn Ala Ile Val Lys Asn Ala His Lys Gly Gln OH
	Dynorphin	<b>Tyr Gly Gly Phe</b> Leu Arg Arg Ile Arg Pro Lys Leu Lys Trp Asp Asn Gln OH
	α-Neoendorphin	<b>Tyr Gly Gly Phe</b> Leu Arg Lys Tyr Pro Lys
	Orphanin FQ	<b>Tyr Gly Gly Phe</b> Thr Gly Ala Arg Lys Ser Ala Arg Lys Leu Ala Asn Gln