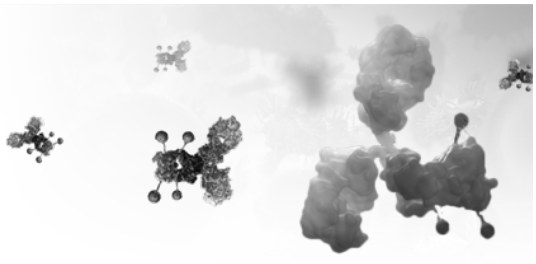

Rat PDYN blocking peptide (CDBP2394)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	proDynorphin (rat) Blocking Peptide
Antigen Description	The protein encoded by this gene is a preproprotein that is proteolytically processed to form the secreted opioid peptides beta-neoendorphin, dynorphin, leu-enkephalin, rimorphin, and leumorphin. These peptides are ligands for the kappa-type of opioid receptor. Dynorphin is involved in modulating responses to several psychoactive substances, including cocaine. Multiple alternatively spliced transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Jul 2010]
Species	Rat
Conjugate	Unconjugated
Applications	BL
Format	Lyophilized powder
Size	20 µg
Preservative	None
Storage	If peptide is supplied as a dried powder, reconstitute with deionized water. A stock solution of 2mgs/ml is recommended for most absorption control applications. For maximum stability, the peptide should be stored at – 20°C. Most peptides will be stab

GENE INFORMATION

Gene Name	Pdyn prodynorphin [Rattus norvegicus (Norway rat)]
Official Symbol	PDYN

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Synonyms	PDYN; prodynorphin; proenkephalin-B; preprodynorphin; proenkephalin B; beta-neoendorphin-dynorphin;
Entrez Gene ID	29190
mRNA Refseq	NM_019374.3
Protein Refseq	NP_062247.2
UniProt ID	F1M7S3
Chromosome Location	3q36
Pathway	Alcoholism, organism-specific biosystem; Alcoholism, conserved biosystem; Amphetamine addiction, organism-specific biosystem; Amphetamine addiction, conserved biosystem; Class A/1 (Rhodopsin-like receptors), organism-specific biosystem; Cocaine addiction, organism-specific biosystem; Cocaine addiction, conserved biosystem; G alpha (i) signalling events, organism-specific biosystem; G-protein activation, organism-specific biosystem; GPCR downstream signaling, organism-specific biosystem; GPCR lig
Function	opioid peptide activity; protein binding;

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