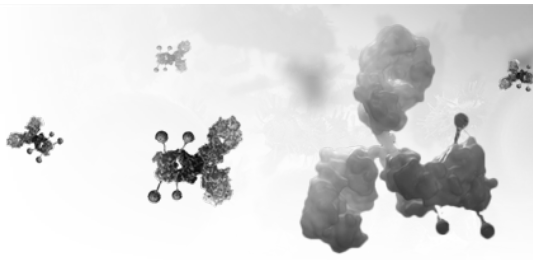

Human PDYN peptide (DAG-P1541)

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

PRODUCT INFORMATION

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]
Purity	70 - 90% by HPLC.
Conjugate	Unconjugated
Format	Liquid
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

GENE INFORMATION

Gene Name	PDYN prodynorphin [Homo sapiens (human)]
Official Symbol	PDYN
Synonyms	PDYN; prodynorphin; ADCA; PENKB; SCA23; proenkephalin-B; rimorphin; leumorphin; leu-enkephalin; preprodynorphin; preproenkephalin B; beta-neoendorphin-dynorphin; neoendorphin-dynorphin-enkephalin prepropeptide;
Entrez Gene ID	5173
mRNA Refseq	NM_001190892.1

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221

Protein Refseq	NP_001177821.1
UniProt ID	P01213
Chromosome Location	20p13
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;

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221