

Product datasheet for PH327807

PNCK (NM_001135740) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	PNCK MS Standard C13 and N15-labeled recombinant protein (NP_001129212)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC227807
Predicted MW:	40.2 kDa
Protein Sequence:	>RC227807 representing NM_001135740 Red=Cloning site Green=Tags(s) MWRRVCGLAGRRPSGDMLLKKHTEDISSVYEIRERLGSAGFSEVVLAQERGAHLVALKCIPKKALRG KEALVENEIAVLRRI SHPNIVALEDVHESPSHLYLAMELVGGELFDRIMERGSYTEKDASHLVGQVLGA VSYLHSLGIVHRDLKPENLLYATPFEDSKIMVSDFGLSKI QAGNMLGTACGTPGYVAPELLEQKPYGKAV DVWALGVISYILLCGYPPFYDESDPELFSQILRASIEFSDPFWDDISESAKDFIRHLLERDPQKRFTCQQ ALRHLWISGDTAFDRDILGVSVEQIRKNFARTHWKRAFNA TSFLRHIRKLGQIPEGEGASEQGMARSHS GLRAGQPPKW TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_001129212
RefSeq ORF:	1080
Synonyms:	BSTK3; CaMK1b
Locus ID:	139728
UniProt ID:	Q6P2M8



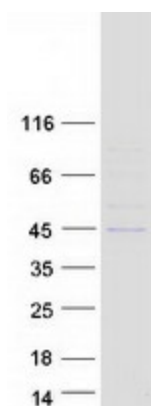
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Cytogenetics: Xq28

Summary: PNCK is a member of the calcium/calmodulin-dependent protein kinase family of protein serine/threonine kinases (see CAMK1; MIM 604998) (Gardner et al., 2000 [PubMed 10673339]).[supplied by OMIM, Mar 2008]

Protein Families: Druggable Genome, Protein Kinase

Product images:



Coomassie blue staining of purified PNCK protein (Cat# [TP327807]). The protein was produced from HEK293T cells transfected with PNCK cDNA clone (Cat# [RC227807]) using MegaTran 2.0 (Cat# [TT210002]).