

Product datasheet for PH324426

PFTK1 (CDK14) (NM_012395) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	CDK14 MS Standard C13 and N15-labeled recombinant protein (NP_036527)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC224426
Predicted MW:	50.5 kDa
Protein Sequence:	>RC224426 representing NM_012395 Red=Cloning site Green=Tags(s)
	MHGYFGCNAAAEPGYSAFVGTPIQCVTKMSTRNCQGMDSVIKPLDTIPEDKKVRVQRTQSTFDPFKEKPAN QVKRVHSENNACINFKTSSTGKESPKVRRHSSPSPKFGKADSYEKLEKLGEGSYATVYKSKVNG KLVALKVIRLQEEEGTPFTAIREASLLKGLKHANIVLLHDIHTKETLTLVFEYVHTDLCQYMDKHPGGL HPDNVKLFLFQLLRGLSYIHQRYILHRDLKPNLLISDTGELKLADFLARAKSVPSHTYSNEVTLWYR PPDVLGSTEYSTCLDMWVGVCIFVEMIQVAAFPGMKDIQDQLERIFLVLGTPNEDTWPGVHSLPHFKP ERFTLYSSKNLRQAWNKLSYVNHAEDLASKLLQCSPKNRLSAQAALSHEYFSDLPPRLWELTDMSSIFTV PNVRLQPEAGESMRAFGKNNSYGKSLSNSKH
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
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_036527
RefSeq Size:	4953
RefSeq ORF:	1353
Synonyms:	PFTAIRE1; PFTK1



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Locus ID: 5218

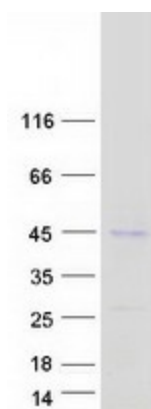
UniProt ID: [O94921](#)

Cytogenetics: 7q21.13

Summary: PFTK1 is a member of the CDC2 (MIM 116940)-related protein kinase family (Yang and Chen, 2001 [PubMed 11313143]).[supplied by OMIM, Mar 2008]

Protein Families: Druggable Genome, Protein Kinase

Product images:



Coomassie blue staining of purified CDK14 protein (Cat# [TP324426]). The protein was produced from HEK293T cells transfected with CDK14 cDNA clone (Cat# [RC224426]) using MegaTran 2.0 (Cat# [TT210002]).