

Product datasheet for TP324426

PFTK1 (CDK14) (NM_012395) Human Recombinant Protein

Product data:

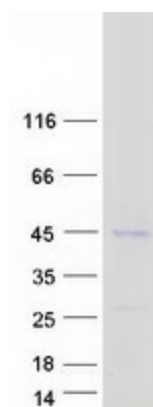
Product Type:	Recombinant Proteins
Description:	Recombinant protein of human PFTAIRE protein kinase 1 (PFTK1), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC224426 representing NM_012395 Red=Cloning site Green=Tags(s)
	MHGYFGCNAAAEPGYSAFVGTPQICVTKMSTRNCQGMDSVIKPLDTIPEDKKVVRVQRTQSTFDPFEKPAN QVKRVHSENNACINFKTSSTGKESPKVRRHSSPSSPTSPKFGKADSYEKLEKLGEGSYATVYKGGKSKVNG KLVALKVIRLQEEEGTPFTAIREASLLKGLKHANIVLLHDIIHTKETLTLVFEYVHTDLCQYMDKHPGGL HPDNVKLFLFQLLRGLSYIHQRYILHRDLKPQNLLISDTGELKLADFLARAKSVPSHTYSNEVTLWYR PPDVLLGSTEYSTCLDMWGVGVCIFVEMIQGVAFFPGMKDIQDQLERIFVLGTPNEDTWPGVHSLPHFKP ERFTLYSSKNLRQAWNKLSYVNHAEDLASKLLQCSPKNRLSAQAALSHEYFSDLPPRLWELTDMSSIFTV PNVRLQPEAGESMRAFGKNNNSYGKSLNSKH
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	50.5 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP_036527</u>



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Locus ID:	5218
UniProt ID:	O94921
RefSeq Size:	4953
Cytogenetics:	7q21.13
RefSeq ORF:	1353
Synonyms:	PFTAIRE1; PFTK1
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]).