

## Product datasheet for **TP324426L**

### **PFTK1 (CDK14) (NM\_012395) Human Recombinant Protein**

#### Product data:

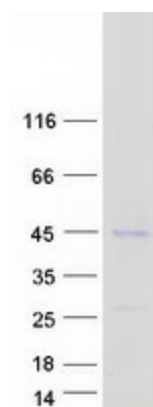
Product Type:	Recombinant Proteins
Description:	Recombinant protein of human PFTAIRE protein kinase 1 (PFTK1), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC224426 representing NM_012395 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	MHGYFGCNAAAEPGYSAFVGTPQICVTKMSTRNCQGMDSVIKPLDTIPEDKKVVRVQRTQSTFDPFEKPAN QVKRVHSENNACINFKTSSTGKESPKVRRHSSPSSPTSPKFGKADSYEKLEKLGEGSYATVYKGGKSKVNG KLVALKVIRLQEEEGTPFTAIREASLLKGLKHANIVLLHDIIHTKETLTLVFEYVHTDLCQYMDKHPGGL HPDNVKLFLFQLLRGLSYIHQRYILHRDLKPQNLLISDTGELKLADFLARAKSVPSHTYSNEVTLWYR PPDVLLGSTYESTCLDMWGVGCIFVEMIQGVAAFFPGMKDIQDQLERIFVLGTPNEDTWPGVHSLPHFKP ERFTLYSSKNLRQAWNKLSYVNHAEDLASKLLQCSPKNRLSAQAALSHEYFSDLPPRLWELTDMSSIFTV PNVRLQPEAGESMRAFGKNNNSYGKLSLSNSKH
	<b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
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><a href="#">NP_036527</a></u>



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Locus ID:	5218
UniProt ID:	<a href="#">O94921</a>
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]).