

## Product datasheet for **TP324426M**

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

#### **Product data:**

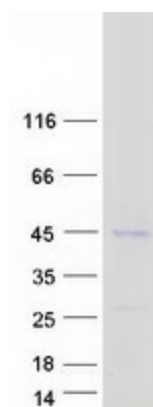
<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Recombinant protein of human PFTAIRE protein kinase 1 (PFTK1), 100 µg
<b>Species:</b>	Human
<b>Expression Host:</b>	HEK293T
<b>Expression cDNA Clone or AA Sequence:</b>	>RC224426 representing NM_012395 <b>Red</b> =Cloning site <b>Green</b>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