

Product datasheet for **TP301704M**

NUCKS1 (NM_022731) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human nuclear casein kinase and cyclin-dependent kinase substrate 1 (NUCKS1), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA	>RC201704 protein sequence
Clone or AA Sequence:	Red=Cloning site Green=Tags(s)

MSRPVNRNRKVVVDYSQFQESDDADEDYGRDSGPPTKKIRSSPREAKNRRSGKNSQEDSEDSKDVKTKK
DDSHSAEDSEDEKEDHKNVRQQRQAASKAASKQREMLMEDVGSEEEQEEDEAPFQEKDSGDEDFLMED
DDSDYGSKKKNKMKVKKSKPERKEKKMPKRLKATVTPSPVKGKGVGRPTASKASKEKTPSPKEEDE
EPESPPEKKTSTSPPEKSGDEGSEDEAPSGED

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	27.1 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:	NP_073568
Locus ID:	64710



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UniProt ID: [Q9H1E3](#)

RefSeq Size: 6471

Cytogenetics: 1q32.1

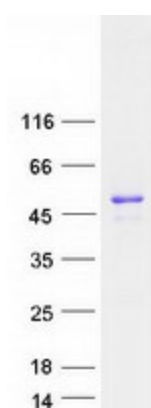
RefSeq ORF: 729

Synonyms: JC7; NUCKS

Summary: This gene encodes a nuclear protein that is highly conserved in vertebrates. The conserved regions of the protein contain several consensus phosphorylation sites for casein kinase II and cyclin-dependent kinases, two putative nuclear localization signals, and a basic DNA-binding domain. It is phosphorylated in vivo by Cdk1 during mitosis of the cell cycle. [provided by RefSeq, Aug 2010]

Protein Families: Druggable Genome

Product images:



Coomassie blue staining of purified NUCKS1 protein (Cat# [TP301704]). The protein was produced from HEK293T cells transfected with NUCKS1 cDNA clone (Cat# [RC201704]) using MegaTran 2.0 (Cat# [TT210002]).