Recombinant Human NUCKS1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. NUCKS1-6702H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	NUCKS1 MS Standard C13 and N15-labeled recombinant protein (NP_073568) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	27.3 kDa
AA Sequence	MSRPVRNRKVVDYSQFQESDDADEDYGRDSGPPTKKIRSSPREAKNKRRSGKNSQ EDSEDSEDKDVKTKKDDSHSAEDSEDEKEDHKNVRQQRQAASKAASKQREMLME DVGSEEEQEEEDEAPFQEKDSGSDEDFLMEDDDDSDYGSSKKKNKKMVKKSKPER KEKKMPKPRLKATVTPSPVKGKGKVGRPTASKASKEKTPSPKEEDEEPESPPEKKT STSPPPEKSGDEGSEDEAPSGEDTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling

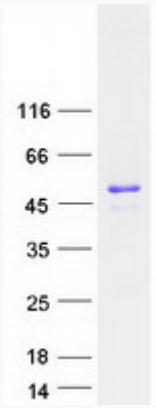
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	conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	NUCKS1 nuclear casein kinase and cyclin-dependent kinase substrate 1 [Homo sapiens (human)]
Official Symbol	NUCKS1
Synonyms	NUCKS1; nuclear casein kinase and cyclin-dependent kinase substrate 1; nuclear ubiquitous casein and cyclin-dependent kinases substrate; NUCKS; P1; potential LAG1 interactor; nuclear ubiquitous casein kinase and cyclin-dependent kinase substrate; JC7; FLJ21480; FLJ32016; FLJ38536;
Gene ID	64710
mRNA Refseq	NM_022731
Protein Refseq	NP_073568
MIM	611912
UniProt ID	Q9H1E3

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SDS-PAGE	

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