

Product datasheet for **TP518534**

Nucks1 (NM_001145804) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse nuclear casein kinase and cyclin-dependent kinase substrate 1 (Nucks1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA	>MR218534 representing NM_001145804
Clone or AA Sequence:	Red=Cloning site Green=Tags(s)

MSRPVNRNRKVDYSQFQESDDADEDYGRDSGPPAKKIRSSPREAKNKRRSGKNSQEDSEEDSEEKDVKTKK
DDSHAEDSEDEKDDHKNVRQQRQAASKAASKQREMLLEDVGSEEEPEEDDEAPFQENSGSDEDFLMEDD
DDSDYGSSKKNKMKVKKSKPERKEKMPKRLKATVTPSPVKGKAKVGRPTASKKSKEKTPSPKEEDEE
AESPPEKKS GDEGSEDEASSGED

TRTRPLEQLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	26.6 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
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 after receiving vials.
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_001139276</u>
Locus ID:	98415
UniProt ID:	<u>Q80XU3</u> , <u>A0A087WRY3</u>
RefSeq Size:	6093



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Cytogenetics:	1 E4
RefSeq ORF:	699
Synonyms:	2700010L10Rik; 8430423A01Rik; AI647518; C78391; Nucks
Summary:	Chromatin-associated protein involved in DNA repair by promoting homologous recombination (HR). Binds double-stranded DNA (dsDNA) and secondary DNA structures, such as D-loop structures, but with less affinity than RAD51AP1.[UniProtKB/Swiss-Prot Function]