

## Product datasheet for TP505152

### Pnck (NM\_012040) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse pregnancy upregulated non-ubiquitously expressed CaM kinase (Pnck), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR205152 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	<p>MLLLKKQTEDISSVYEIREKLGSGAFSEVMLAQERGSAHLVALKCIPKKALRGKEALVENEIAVLRRIHSH            PNIVALEDVHESPShLYLAMELVTTGGELFDRIMERGSYTEKDASHLVGQVLGAVSYLHSLGIVHRDLKPE            NLLYATPFEDSKIMVSDFGLSKIQAGNMLGTACGTPGYVAPELLEQKPYGKAVDVWALGVISYILLCGYP            PFYDESDPELFSQILRASVYEFDSPFWDDISESAKDFIRHLLERDPQKRFTCCQALQHLWISGDAAAFDRDI            LGSVSEIQKNFARTHWKRAFNFATSLRHIRKLGQSPGEEASRQCMTRHSHPLGLGTSQSPKW</p> <p><b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b></p>
Tag:	C-MYC/DDK
Predicted MW:	38.5 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
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><a href="#">NP_036170</a></u>
Locus ID:	93843
UniProt ID:	<u><a href="#">Q9QYK9</a></u> , <u><a href="#">Q3TYC1</a></u>



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<b>RefSeq Size:</b>	1582
<b>Cytogenetics:</b>	X 37.38 cM
<b>RefSeq ORF:</b>	1032
<b>Synonyms:</b>	Bstk3; Camk1b; CaMKIbeta2; caMKIb1; CaMKIb2; Punc
<b>Summary:</b>	Calcium/calmodulin-dependent protein kinase belonging to a proposed calcium-triggered signaling cascade. In vitro phosphorylates CREB1 and SYN1/synapsin I. Phosphorylates and activates CAMK1 (By similarity).[UniProtKB/Swiss-Prot Function]