

## Product datasheet for TP510164

### Pcif1 (NM\_146129) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse PDX1 C-terminal inhibiting factor 1 (Pcif1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR210164 protein sequence Red=Cloning site Green=Tags(s)

MANENHGSPREGASLLSHSPGTSSQSQCSPKPVRLVQDLPEELVHAGWEKCWSRRESRPYYFNRFTNQS  
LWEMPVLGQHDVLSDDLGLNATPLPQDSSLVETPPVENKSRKRQLSEEQPSGNGVKKPKIEIPVTPTSQS  
VPSSSIPGTPTLKIWGSSTEDKQAALLRPTEVYWDLDIQTNAVIKHRGPSEVLPPHPDVELLRSQILK  
LRQHYRELCQQREGIEPPRESFNRWMLERKVVDKGCDPLPSNCEPVVSPSMFREIMNDIPIRLSRIKFR  
EEAKRLLFKYAEAARRLIESRSASPDSRKVVKWNVEDTFSWLRKEHSASKEDYMDRLEHLRRQCAPHVSA  
AAKDSVEGICSKIYHISLEYVKRIREKHLAVLKENNIPEEVEASELEPRLVYCYPVRLAVSAPPMPVEM  
HVENSVCIRYKGMVKVRSYFSKLWLLYRYSVDDSAFERFLPRVWCLLRRYQMMFGVGLYEGTGLQG  
SLPVHVFETLHRLFGVSFEFCFASPLNCYFRQYCSAFPDTDGYFGSRGPCLDFTPLSGSFEANPPFCEELM  
DAMVSHFEKLESSAEPLSFIVFIPEWREPPTPALTRMEQSRFKRHQLVLPFAFEHEYRSGSQHICKKEEM  
HYKAVHNTAVLFLQNGPGFAKWGPTPERLQELTAAYKQSGRSHGSSSSSSSSSSSEAKDRDSGREQGPS  
REPHPT

TRTRPLEQLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	80.5 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.



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<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>	<a href="#">NP_666241</a>
<b>Locus ID:</b>	228866
<b>UniProt ID:</b>	<a href="#">P59114</a> , <a href="#">Q542C3</a>
<b>RefSeq Size:</b>	2752
<b>Cytogenetics:</b>	2 H3
<b>RefSeq ORF:</b>	2121
<b>Synonyms:</b>	2310022K11Rik; C20orf67; F730014I05Rik
<b>Summary:</b>	Cap-specific adenosine methyltransferase that catalyzes formation of N(6),2'-O-dimethyladenosine cap (m6A(m)) by methylating the adenosine at the second transcribed position of capped mRNAs. Recruited to the early elongation complex of RNA polymerase II (RNAPII) via interaction with POLR2A and mediates formation of m6A(m) co-transcriptionally. N6-methylation of m6A(m) promotes the translation of capped mRNAs.[UniProtKB/Swiss-Prot Function]