

Product datasheet for **TP303430M**

PCIF1 (NM_022104) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human PDX1 C-terminal inhibiting factor 1 (PCIF1), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC203430 protein sequence Red=Cloning site Green=Tags(s)

MANENHGSPREEASLLSHSPGTSNQSQPCSPKPIRLVQDLPEELVHAGWEKCWSRRENRPYYFNRFNQS
LWEMPVLGQHDVISDPLGLNATPLPQDSSLVETPPAENKPRKRQLSEEQPSGNGVKKPKIEIPVTPTGQS
VPSSSIPGTPTLKMWGTSPEDKQQAALLRPTEVYWDLDIQTNAVIKHRGPSEVLPPHPEVELLSQLIL
KLRQHYRELCQQREGIEPPRESFNRWMLERKVVDKGSDPLPSNCEPVVSPSMFREIMNDIPIRLSRIKF
REEAKRLLFKYAEAARRLIESRSASPDSRKVVKWNVEDTFSWLRKDHSASKEDYMDRLEHLRRQCGPHVS
AAAKDSVEGICSKIYHISLEYVKRIREKHLAILKENNISEEVEAPEVEPRLVYCYVRLAVSAPPMPVSVE
MHMENNVCIRYKGMVKVSRNYFSKLWLLYRSCIDDSAFERFLPRVWCLLRRYQMMFGVGLYEGTGLQ
GSLPVHVFEALHRLFGVSFEFCASPLNCYFRQYCSAFPDTDGYFGSRGPCLDFAPLSGSFEANPPFCEEL
MDAMVSHFERLLESSPEPLSFIVFIPEWREPPTPALTRMEQSRFKRHQLILPAFEHEYRSGSQHICKKEE
MHYKAVHNTAVLFLQNDPGFAKWAPTPERLQELSAAYRQSGRSHSSGSSSSSSSEAKDRDSGREQGPSRE
PHPT

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

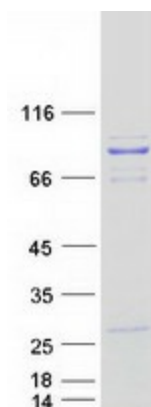
Tag:	C-Myc/DDK
Predicted MW:	80.5 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity 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.



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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_071387
Locus ID:	63935
UniProt ID:	Q9H4Z3
RefSeq Size:	2703
Cytogenetics:	20q13.12
RefSeq ORF:	2112
Synonyms:	C20orf67; CAPAM; hCAPAM; hPCIF1; PPP1R121
Summary:	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 (PubMed:30467178). Recruited to the early elongation complex of RNA polymerase II (RNAPII) via interaction with POLR2A and mediates formation of m6A(m) co-transcriptionally (PubMed:30467178). N6-methylation of m6A(m) promotes the translation of capped mRNAs (PubMed:30467178).[UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified PCIF1 protein (Cat# [TP303430]). The protein was produced from HEK293T cells transfected with PCIF1 cDNA clone (Cat# [RC203430]) using MegaTran 2.0 (Cat# [TT210002]).