

Product datasheet for **TP324917M**

CDKAL1 (NM_017774) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human CDK5 regulatory subunit associated protein 1-like 1 (CDKAL1), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC224917 protein sequence Red =Cloning site Green =Tags(s)

MPSASCDTLLDDIEDIVSQEDSKPQDRHFVRKDVVPKVRRRNTQKYLQEEENSPPSDSTIPGIQKIWIRT
WGCSHNNSDGEYMAGQLAAYGYKITENASDADLWLLNSCTVKNPAEDHFRNSIKKAQEENKKIVLAGCVP
QAQPRQDYKGLSIIGVQQIDRVVEVEETIKGHSVRLGQKKNRRLGGARLDLPKIRKNPLIEISI
NTGCLNACTYCKTKHARGNLASYPIDELVDRAKQSFQEGVCEIWLTS EDTGAYGRDIGTNLPTLLWLKLV
VIPEGAMLRLGMTNPPYILEHLEEMAKILNHPRVYAFHLPVQSASDSVLMEMKREYCVADFKRVVDFLK
EKVPGITATDIICGFPGETDQDFQETVKLVVEEYKFPSLFINQFYPRPGTPAAKMEQVPAQVKKQRTKDL
SRVFHSYSPYDHKIGERQQVLVTEESFDSKFYVAHNQFYEQVLVPKNPAFMGKMVEVDIYESGKHFMMKGQ
PVSDAKVYTPSISKPLAKGEVSGLTKDFRNGLGNQLSSGSHTSAASQCDSASSRMVLPMPRLHQDCALRM
SVGLALLGLLFAFFVKVYN

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

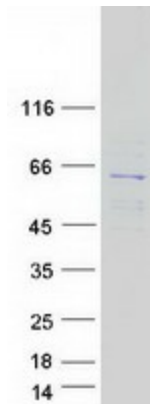
Tag:	C-Myc/DDK
Predicted MW:	64.9 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity 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_060244
Locus ID:	54901
UniProt ID:	Q5VV42
RefSeq Size:	3272
Cytogenetics:	6p22.3
RefSeq ORF:	1737
Summary:	The protein encoded by this gene is a member of the methylthiotransferase family. The function of this gene is not known. Genome-wide association studies have linked single nucleotide polymorphisms in an intron of this gene with susceptibility to type 2 diabetes. [provided by RefSeq, May 2010]
Protein Families:	Transmembrane

Product images:



Coomassie blue staining of purified CDKAL1 protein (Cat# [TP324917]). The protein was produced from HEK293T cells transfected with CDKAL1 cDNA clone (Cat# [RC224917]) using MegaTran 2.0 (Cat# [TT210002]).