

Product datasheet for TP509066

Cdkal1 (NM_144536) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse CDK5 regulatory subunit associated protein 1-like 1 (Cdkal1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR209066 protein sequence Red=Cloning site Green=Tags(s)

MPSASCDVLLDDIEDIISQEDSKPQDRQFSRKHFVFPKVRRRNTQKYLQEEPRPPSDSTIPGIQKIWIRTW
GCSHNNSDGEYMAGQLAAYGYKITENASDADLWLLNSCTVKNPAEDHFRNSIKKAQEENKKVVLGCVLPQ
AQPRQDYLKGLSIIGVQQIDRVVEVEETIKGHSVRLGQKKDNGKRLGGARLDLPKIRKNPLIEIISIN
TGCLNACTYCKTKHARGNLASYPIDELVERAKQSFQEGVCEIWLTS EDTGAYGRDIGTDLPTLLWLKLEVE
IPEGAMLRLGMTNPPYILEHLEEMAKILNHPRVYAFLHIPVQSASDSVLMMDMKREYCVADFKRVDFLKE
KVPGITIATDIICGFPGETDQDFQETVKLVEEYKFPSPFINQFYPRPGTAAKAEQVPAHVKKQRTKDLS
RVFHSYNPYDHKIGERQQVLVTEESFDSKFVVAHNRFYEQVLPKNPAFMGKMVEVDIYESGKHFLLKGQP
VSETRVYTPSISKPLAKGEVSGLTKEFRNRLGNHPNGTSDTCPATQHGSAYS RMVLQMSQYDCALKVATG
LALLALLLHFWPDSLTTM

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	65.3 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.



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RefSeq:	NP_653119
Locus ID:	68916
UniProt ID:	Q91WE6
RefSeq Size:	2538
Cytogenetics:	13 A3.1-A3.2
RefSeq ORF:	1737
Synonyms:	1190005B03Rik; 6620401C13Rik
Summary:	Catalyzes the methylthiolation of N6-threonylcarbamoyl-adenosine (t(6)A), leading to the formation of 2-methylthio-N6-threonylcarbamoyl-adenosine (ms(2)t(6)A) at position 37 in tRNAs that read codons beginning with adenine.[UniProtKB/Swiss-Prot Function]