

Product datasheet for PH324917

CDKAL1 (NM_017774) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	CDKAL1 MS Standard C13 and N15-labeled recombinant protein (NP_060244)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC224917
Predicted MW:	65.1 kDa
Protein Sequence:	>RC224917 protein sequence Red=Cloning site Green=Tags(s)

MPSASCDTLLDDIEDIVSQEDSKPQDRHFVRKDVVPKVRRTQKYLQEEENSPPSDSTIPGIQKIWIRT
WGCSHNNSDGEYMAGQLAAYGYKITENASDADLWLLNSCTVKNPAEDHFRNSIKKAQEENKKIVLAGCVP
QAQPRQDYLKGLSIIIGVQQIDRVVEVEETIKGHSVRLGQKKNDRRLGGARLDLPKIRKNPLIEIISI
NTGCLNACTYCKTKHARGNLSYPIDELVDRAKQSFQEGVCEIWLTS EDTGAYGRDIGTNLPTLLWKLVE
VIPEGAMRLGMTNPPYILEHLEEMAKILNHPVYAFLHIPVQSASDSVLMEMKREYCVADF KRVVDFLK
EKVPGIT IATDIICGFPGETDQDFQETVKLVEEYKFPSLFINQFYPRPGTPAAKMEQVPAQVKKQRTKDL
SRVFHSYSPYDHI GERQQVLVTEESFDSKFYVAHNQFYEQVLV PKNPAFMGKMVEVDIYESGKHF MKGQ
PVSDAKVYTPSISKPLAKGEVSGLTKDFRNLGNQLSSGSHTSAASQCDSASSRMVLPMPRLHQDCALRM
SVGLALLGLLFAFFVKVYN

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_060244
RefSeq Size:	3272
RefSeq ORF:	1737



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Locus ID: 54901

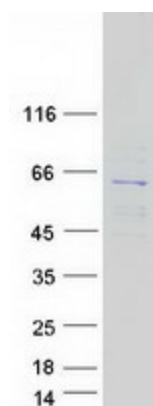
UniProt ID: [Q5VV42](#)

Cytogenetics: 6p22.3

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]).