

Product datasheet for PH304658

CDKN2AIP (NM_017632) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	CDKN2AIP MS Standard C13 and N15-labeled recombinant protein (NP_060102)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC204658
Predicted MW:	61.1 kDa
Protein Sequence:	>RC204658 protein sequence Red =Cloning site Green =Tags(s)

MAQEVSEYLSQNPRVAWVEALRCDGETDKHWRHRRDFLLRNAGDLAPAGGAASASTDEADAESGTRNR
 QLQQLISFSMAWANHVFLGCRYPOKQVMDKILSMAEGIKVTDAPTYTTRDELVAKVKKRGISSNEGVEEP
 SKKRVIIEGKNSSAVEQDHAKTSKTERASAQQENSSTCIGSAIKSESGNSARSSGISSQNSSTSDGDRSV
 SSQSSSVSSQVTTAGSGKASEAEAPDKHGSSFVSLKSSVNSHMTQSTDQRQSGSPKKSALLEGSSASA
 SQSSSEIEVPLLGSSESEVELPLLSKPSSETASSGLTSKTSSEASVSSSVAKNSSSGTSLTPKSSS
 STNTSLTSTKSTSQAASLLASKSSQTSGLVSKSTSLASVSQASKSSQTSSTQLPSKSTSQSSESS
 VKFSCKLTNEDVKQKQPFNRLYKTVAWKLAVGGFSPNVNHGELLNAAIEALKATLDVFFVPLKELADL
 PQNKSSQESIVCELRCYSVYLTGCGKSKENAKAVASREALKFLKKKVVKICKRKYRGSEIEDLVLLD
 EESRPVNLPPALKHPQELL

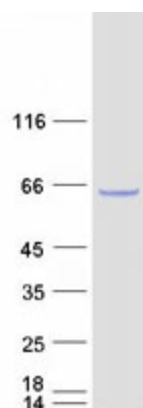
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

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_060102
RefSeq Size:	2391
RefSeq ORF:	1899


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Synonyms:	CARF
Locus ID:	55602
UniProt ID:	Q9NXV6
Cytogenetics:	4q35.1
Summary:	The protein encoded by this gene regulates the DNA damage response through several different signaling pathways. One such pathway is the p53-HDM2-p21(WAF1) pathway, which is critical to the DNA damage response. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Nov 2015]

Product images:



Coomassie blue staining of purified CDKN2AIP protein (Cat# [TP304658]). The protein was produced from HEK293T cells transfected with CDKN2AIP cDNA clone (Cat# [RC204658]) using MegaTran 2.0 (Cat# [TT210002]).