

Recombinant Human CDKN2AIP Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. CDKN2AIP-2836H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	CDKN2AIP MS Standard C13 and N15-labeled recombinant protein (NP_060102) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	61.1 kDa
AA Sequence	MAQEVSEYLSQNPRVAAWVEALRCDGETDKHWRHRRDFLLRNAGDLAPAGGAAS ASTDEAADAESGTRNRQLQQLISFSMAWANHVFLGCRYPQKVMDKILSMAEGIKVT DAPTYTTRDELVAKVKKRGISSSNEGVEEPSKKRVIEGKNSSAVEQDHAKTSAKTER ASAAQENSSTCIGSAIKSESGNSARSSGSISSQNSSTSDGDRSVSSQSSSSVSSQVT TAGSGKASEAEAPDKHGSSSFVSLKSSVNSHMTQSTDSRQQSGSPKKSALLEGSSA SASQSSSEIEVPLLGSSEVELPLLSSKPSSETASSGLTSKTSSEASVSSSVAKNS SSSGTSLLLTPKSSSSTNTSLTSTKSTSQVAASLLASKSSSQTSGLVSKSTSLASVSQ LASKSSSQTSSTSQLPSKSTSQSSESSVKFCKLTNEDVKQKQPFFNRLYKTVAWKL VAVGGFSPNVNHGELLNAAIEALKATLDVFFVPLKELADLPQNKSSQESIVCELCKS

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VYLGTCGKSKENAKAVASREALKFLKKKVVVKICKRKRYRGSEIEDLVLLDEESRPV
NLPPALKHPQELLTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name CDKN2AIP CDKN2A interacting protein [Homo sapiens (human)]

Official Symbol CDKN2AIP

Synonyms CDKN2AIP; CDKN2A interacting protein; CDKN2A-interacting protein; CARF; collaborates/cooperates with ARF (alternate reading frame) protein; FLJ20036; collaborator of ARF;

Gene ID 55602

mRNA Refseq NM_017632

Protein Refseq NP_060102

MIM 615914

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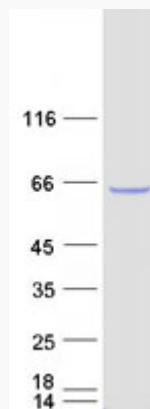
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UniProt ID

Q9NXV6

SDS-PAGE

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