

Recombinant Human CDKN2AIP Protein, GST-Tagged

Cat. No. CDKN2AIP-1062H Lot. No. (See product label)

SPECIFICATION

Product Overview	Human CARF full-length ORF (AAH22270, 1 a.a. - 579 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
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. [provided by RefSeq, Nov 2015]
Molecular Mass	89.43 kDa
AA Sequence	<p>MAQEVSEYLSQNPRVAAWVEALRCDGETDKHWRHRRDFLLRNAGDLAPAGGAAS ASTDEAADAESGTRNRQLQLISFSMAWANHVFLGCRYPQKVMDKILSMAEGIKVT DAPTYTTRDELVAKVKKRGISSSNEGVEEPSKKRVIEGKNSSAVEQDHAKTSAKTER ASAQQENSSTCIGSAIKSESGNSARSSGISSQNSSTSDGDRSVSSQSSSSVSSQVT TAGSGKASEAEAPDKHGSSFVSLKSSVNSHMTQSTDSRQQSGSPKKSALLEGSSA SASQSSSEIEVPLLGSSEVELPLLSSKPSSETASSGLTSKTSSEASVSSSVAKNS SSSGTSLLTPKSSSSTNTSLLTSKSTSQVAASLLASKSSSQTSGLVSKSTSLASVSQ LASKSSSQTSQVLPKSTSQSSESSVKFCKLTNEDVKQKQPFFNRLYKTVAWKL VAVGGFSPNVNHGELLNAAIEALKATLDVFFVPLKELADLPQNKSSQESIVCEL RCKS</p>

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VYLGTCGCGKSKENAKAVASREALKFLFKKKVVVKICKRKYRGSEIEDLVLLDEESRPV
NLPPALKHPQELL

Applications	<p>Enzyme-linked Immunoabsorbent Assay</p> <p>Western Blot (Recombinant protein)</p> <p>Antibody Production</p> <p>Protein Array</p>
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Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
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Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
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GENE INFORMATION

Gene Name	CDKN2AIP CDKN2A interacting protein [Homo sapiens]
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Official Symbol	CDKN2AIP
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Synonyms	<p>CDKN2AIP; CDKN2A interacting protein; CDKN2A-interacting protein; CARF;</p> <p>collaborates/cooperates with ARF (alternate reading frame) protein; FLJ20036;</p> <p>collaborator of ARF;</p>
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Gene ID	55602
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mRNA Refseq	NM_017632
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Protein Refseq	NP_060102
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MIM	615914
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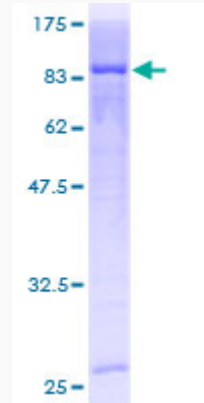
UniProt ID	Q9NXV6
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**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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