Cyclin-dependent kinase 4 inhibitor B (CDKN2B) Recombinant Protein | CDKN2B recombinant protein

Recombinant Human Cyclin-dependent kinase 4 inhibitor B (CDKN2B)

CATALOG #	HOST
AAA113853	**E Coli or Yeast or Baculovirus or Mammalian Cell**

PRODUCT SYNONYMS

Cyclin-dependent kinase 4 inhibitor B (CDKN2B); Recombinant Human Cyclin-dependent kinase 4 inhibitor B (CDKN2B); CDKN2B recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	1-138. Full length.
Sequence	MREENKGMPS GGGSDEGLAS AAARGLVEKV RQLLEAGADP NGVNRFGRRA IQVMMMGSAR VAELLLLHGA EPNCADPATL TRPVHDAARE GFLDTLVVLH RAGARLDVRD AWGRLPVDLA EERGHRDVAG YLRTATGD
Sequence Length	138
Species	Human
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

ADDITIONAL INFORMATION

Related Product Information for CDKN2B recombinant protein	This gene lies adjacent to the tumor suppressor gene CDKN2A in a region that is frequently mutated and deleted in a wide variety of tumors. This gene encodes a cyclin-dependent kinase inhibitor, which forms a complex with CDK4 or CDK6, and prevents the activation of the CDK kinases, thus the encoded protein functions as a cell growth regulator that controls cell cycle G1 progression. The expression of this gene was found to be dramatically induced by TGF beta, which suggested its role in the TGF beta induced growth inhibition. Two alternatively spliced transcript variants of this gene, which encode distinct proteins, have been reported.

NCBI AND UNIPROT INFORMATION

NCBI GI #	17981694
NCBI GeneID	1030
NCBI Accession #	NP_004927.2
NCBI GenBank Nucleotide #	NM_004936.3
UniProt Accession #	P42772; O15125; Q6FI09
Molecular Weight	19.7 kDa
NCBI Official Full Name	cyclin-dependent kinase 4 inhibitor B isoform 1
NCBI Official Synonym Full Names	cyclin dependent kinase inhibitor 2B
NCBI Official Symbol	CDKN2B

NCBI Official Synonym Symbols	P15; MTS2; TP15; CDK4I; INK4B; p15INK4b
NCBI Protein Information	cyclin-dependent kinase 4 inhibitor B
UniProt Protein Name	Cyclin-dependent kinase 4 inhibitor B
UniProt Gene Name	**CDKN2B**
UniProt Synonym Gene Names	MTS2; MTS-2; p15INK4B

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://www.aaabiotech.com/cdkn2b-recombinant-protein-e-coli/113853