

CCND2 recombinant protein

CCND2, 1-289aa, Human, His tag, E Coli (Denatured)

CATALOG # AAA48720	HOST E Coli	APPLICATIONS SDS-Page
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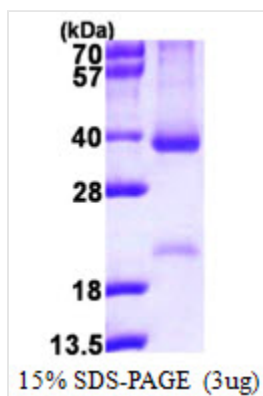
PRODUCT SYNONYMS

CCND2; 1-289aa; Human; His tag; E Coli (Denatured); Cyclin D2; KIAK0002; MGC102758; G1/S-specific cyclin-D2; CCND2 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 85% by SDS-PAGE
Form/Format	Liquid. In 20mM Tris-HCl Buffer (pH 8.0) containing 10% glycerol, 2mM DTT, 1M urea.
Concentration	1 mg/ml (determined by Bradford) (varies by lot)
Sequence	MGSSHHHHHH SSGLVPRGSH MGSHMELLCH EVDPVRRRAVR DRNLLRDDR LQNLLTIEER YLPQCSYFKC VQKDIQPYMR RMVATWMLEV CEEQKCEEEV FPLAMNYLDR FLAGVPTPKS HLQLLGAVCM FLASKLKETS PLTAEKLCIY TDNSIKPQEL LEWELVVLGK LKWNLA AVTP HDFIEHILRK LPQQRKLSL IRKHAQTFIA LCATDFKFAM YPPSMIATGS VGAAICGLQQ DEEVSSLTCD ALTELLAKIT NTDVDCLKAC QEQIEAVLLN SLQQYRQDQR DGSKSEDELD QASTPTDVRD IDL
Sequence Length	1-289aa
Applicable Applications for CCND2 recombinant protein	SDS-PAGE
Antigen Species	Human
Tag Information	His-tag
Preparation and Storage	Can be stored at 2-8°C for 1 week.. For long term storage, aliquot and store at -20°C or -80°C. Avoid repeated freezing and thawing cycles.

IMAGES



SDS-PAGE

3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain

ADDITIONAL INFORMATION

Related Product Information for CCND2 recombinant protein	CCND2 belongs to the highly conserved cyclin family, whose members are characterized by a dramatic periodicity in protein abundance through the cell cycle. Cyclins function as regulators of CDK kinases. Different cyclins exhibit distinct expression and degradation patterns which contribute to the temporal coordination of each mitotic event. This cyclin forms a complex with and functions as a regulatory subunit of CDK4 or CDK6, whose activity is required for cell cycle G1/S transition. This protein has been shown to interact with and be involved in the phosphorylation of tumor suppressor protein Rb. High level expression of this protein was observed in ovarian and testicular tumors. Recombinant human CCND2 protein, fused to His-tag at N-terminus, was expressed in E Coli.
Product Categories/Family for CCND2 recombinant protein	Cancer
References	Inaba T., et al. (1992) Genomics. 13 (3):565-74.; Wang Z., et al. (2008) Cell Struct Funct. 33 (2):171-83.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502617
NCBI GeneID	894
NCBI Accession #	NP_001750
NCBI GenBank Nucleotide #	NM_001759.3
UniProt Accession #	P30279; Q13955; Q5U035; A8K531
Molecular Weight	35.6 kDa (313aa)
NCBI Official Full Name	G1/S-specific cyclin-D2
NCBI Official Synonym Full Names	cyclin D2
NCBI Official Symbol	CCND2
NCBI Official Synonym Symbols	MPPH3; KIAK0002
NCBI Protein Information	G1/S-specific cyclin-D2
UniProt Protein Name	G1/S-specific cyclin-D2
UniProt Gene Name	CCND2

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://stage.aaabiotech.com/ccnd2-recombinant-protein-e-coli-sds-page/48720>