Human Cyclin A Recombinant Protein

Catalog No.: OM770463

Sequence Information

Species: Human **Gene ID:**1017

Swiss Prot:P24941 **Synonyms:** CDKN2; p33(CDK2)

Residues: Met1-Asp432

METGFPAIMYPGSFIGGWGEEYLSWEGPGLPDFVFQQQPVESEAMHCSNPKSGVVLATVA
RGPDACQILTRAPLGQDPPQRTVLGLLTANGQYRRTCGQGITRIRCYSGS ENAFPPAGKK
ALPDCGVQEPPKQGFDIYMDELEQGDRDSCSVREGMAFEDVYEVDTGTLKSDLHFLLDFN
TVSPMLVDSSLLSQSEDISSLGTDVINVTEYAEEIYQYLREAEIRHRPKAHYMKKQPDIT
EGMRTILVDWLVEVGEEYKL RAETLYLAVN FLDRFLSCMS VLRGKLQLVG TAAMLLASKY
EEIYPPEVDE FVYITDDTYT KRQLLKMEHL LLKVLAFDLT VPTTNQFLLQ YLRRQGVCVR
TENLAKYVAE LSLLEADPFL KYLPSLIAAA AFCLANYTVN KHFWPETLAA FTGYSLSEIV
PCLSELHKAY LD

Product Information

Source: Prokaryotic expression.

Host: *E. coli*

Tags: N-terminal His-Tag

Subcellular Location: Secreted.

Purity: >95%

Traits: Freeze-dried powder

Buffer formulation: 20mM Tris, 150mM NaCl, pH8.0, 5% Trehalose.

Original Concentration: 200μg/mL

Applications: Positive Control; Immunogen; SDS-PAGE; WB.

(May be suitable for use in other assays to be determined by the end user.)

Predicted isoelectric point: 6.1

Predicted Molecular Mass: 48.6kDa

Accurate Molecular Mass: 60kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in ddH_2O to a concentration of 0.1-0.5 mg/mL. Do not vortex.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8°C for one month.

Aliquot and store at -80°C for 12 months.

Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under

appropriate storage condition.

[IDENTIFICATION]

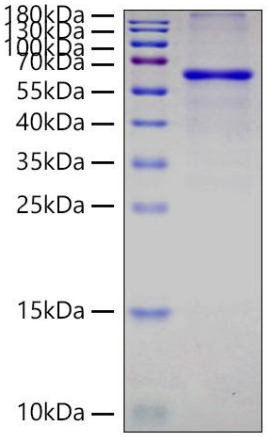


Figure 1. SDS-PAGE

[IMPORTANT NOTE]

The kit is designed for in vitro and research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.