

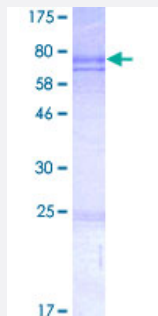
Full-Length

CDCA7 (Human) Recombinant Protein (P01)

Catalog # H00083879-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human CDCA7 full-length ORF (NP_665809.1, 1 a.a. - 371 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MDARRVPQKDLRVKKNLKKFRYVKLISMETSSSSDDSCDSFASDNFANTRLQSVREGCRTRSQ
CRHSGPLRVAMKFPARSTRGATNKKAESRQPSSENSVTDNSDSEDESGMNFLEKRALNIKQNK
AMLAKLMSELESFPGSFRGRHPLPGSDSQSRRPRRRTFPGVASRRNPERRARPLTRSRILGS
LDALPMEEEEEEDKYMLVRKRKTVDGYMNEDDLPRSSRSRSSLPHIIRPVEEITEEELENVCS
NSREKIYNRSLGSTCHQCRQKTIDTKTNCRNPDWCWVRGQFCGPCLRNRYGEEVRDALLDPNW
HCPPCRGICNCSFCRQRDGRCATGVLVYLAKYHGFGNVHAYLKSLLKQEFEMQA

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

69

Interspecies Antigen Sequence

Mouse (82); Rat (82)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — CDCA7

Entrez GeneID[83879](#)**GeneBank Accession#**[NM_145810.2](#)**Protein Accession#**[NP_665809.1](#)**Gene Name**

CDCA7

Gene Alias

FLJ14722, FLJ14736, JPO1, MGC34109

Gene Description

cell division cycle associated 7

Omim ID[609937](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

This gene was identified as a c-Myc responsive gene, and behaves as a direct c-Myc target gene . Overexpression of this gene is found to enhance the transformation of lymphoblastoid cells, and it complements a transformation-defective Myc Box II mutant, suggesting its involvement in c-Myc-mediated cell transformation. Two alternatively spliced transcript variants encoding distinct isoforms have been reported. [provided by RefSeq]

Other Designations

c-Myc target JPO1|cell division cycle associated protein 7