

Recombinant Full Length Human CDC40 Protein, GST-tagged

Cat. No. CDC40-3075HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CDC40 full-length ORF (NP_056975.1, 1 a.a. - 579 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	579 amino acids
Description	Pre-mRNA splicing occurs in two sequential transesterification steps. The protein encoded by this gene is found to be essential for the catalytic step II in pre-mRNA splicing process. It is found in the spliceosome, and contains seven WD repeats, which function in protein-protein interactions. This protein has a sequence similarity to yeast Prp17 protein, which functions in two different cellular processes: pre-mRNA splicing and cell cycle progression. It suggests that this protein may play a role in cell cycle progression. [provided by RefSeq, Jul 2008]
Molecular Mass	91.9 kDa
AA Sequence	MSAAIAALAASYGSGSGSESDSDSESSRCPLPAADSLMHLTKSPSSKPSLAVAVDS APEVAVKEDLETGVHLDPAVKEVQYNPTYETMFAPEFGPENPFRTQQMAAPRNL SGYAEPAHINDFMFEQQRRTFATYGYALDPSLDNHQVSAKYIGSVEEAEKNQGLTV FETGQKKTEKRKKFKENDASNIDGFLGPWAKYVDEKDVAKPSEEEQKELDEITAKR QKKGKQEEEEKPGEEKTILHVKEMYDYQGRSYLHIPQDVGVNLRSTMPPEKCYLPKK QIHVWSGHTKGVSAVRLFPLSGHLLLSCSMDCKIKLWEVYGERRCLRTFIGHSKAVR

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

DICFNTAGTQFLSAAYDRYLKLWDTETGQCISRFTNRKVPYCVKFNPDEDKQNLFVA
 GMSDKKIVQWDIRSGEIVQEYDRHLGAVNTIVFDENRRFVSTSDDKSLRVWEWDIP
 VDFKYIAEPSMHSMPTAVTLSPNGKWLACQSMDNQILIFGAQNRFRNLNKKKIFKGHNV
 AGYACQVDFSPDMSYVISGDGNGKLNWDWKTKLYSRFKAHDKVCIGAVWHPHE
 TSKVITCGWDGLIKLWD

Applications

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

Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

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

GENE INFORMATION

Gene Name CDC40 cell division cycle 40 homolog (*S. cerevisiae*) [*Homo sapiens*]

Official Symbol CDC40

Synonyms EHB3; PRP17; PRPF17

Gene ID 51362

mRNA Refseq NM_015891

Protein Refseq NP_056975

MIM 605585

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UniProt ID

O60508

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