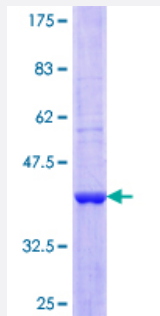


# CDC40 (Human) Recombinant Protein (Q01)

Catalog # H00051362-Q01

Size 25 ug, 10 ug

## Applications



## Specification

<b>Product Description</b>	Human CDC40 partial ORF ( NP_056975.1, 393 a.a. - 493 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Sequence</b>	AGMSDKKIVQWDIRSGEIVQEYDRHLGAVNTIVFVDENRRFVSTDDKSLRVWEWDIPVDFKYAE PSMHSMPTAVTLSPNGKWLACQSMQILIFGAQNR
<b>Host</b>	Wheat Germ (in vitro)
<b>Theoretical MW (kDa)</b>	36.85
<b>Interspecies Antigen Sequence</b>	Mouse (98); Rat (99)
<b>Preparation Method</b>	<a href="#">in vitro wheat germ expression system</a>
<b>Purification</b>	Glutathione Sepharose 4 Fast Flow
<b>Quality Control Testing</b>	12.5% SDS-PAGE Stained with Coomassie Blue.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
<b>Storage Instruction</b>	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
<b>Note</b>	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 — CDC40

Entrez GeneID [51362](#)

GeneBank Accession# [NM\\_015891](#)

Protein Accession# [NP\\_056975.1](#)

Gene Name CDC40

Gene Alias EHB3, FLJ10564, MGC102802, PRP17, PRPF17

Gene Description cell division cycle 40 homolog (S. cerevisiae)

Omim ID [605585](#)

Gene Ontology [Hyperlink](#)

**Gene Summary** 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]

**Other Designations** EH-binding protein 3|OTTHUMP00000016997|cell division cycle 40 homolog|pre-mRNA splicing factor 17

## Disease

- [Colorectal Neoplasms](#)
- [Genetic Predisposition to Disease](#)