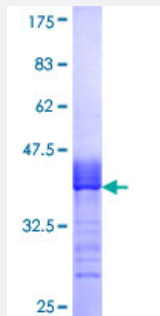


# RGC32 (Human) Recombinant Protein (Q01)

Catalog # H00028984-Q01

Size 25 ug, 10 ug

## Applications



## Specification

<b>Product Description</b>	Human RGC32 partial ORF ( NP_054778, 28 a.a. - 117 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Sequence</b>	ERHFHYEEHLERMKRRSSASVSDSSGFSDESADSLYRNSFSFSDEKLNSPTDSTPALLSATVT PQKAKLGDTKELEAFIADLDKTLASM
<b>Host</b>	Wheat Germ (in vitro)
<b>Theoretical MW (kDa)</b>	35.64
<b>Interspecies Antigen Sequence</b>	Mouse (87); Rat (91)
<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 — C13orf15

Entrez GeneID [28984](#)

GeneBank Accession# [NM\\_014059](#)

Protein Accession# [NP\\_054778](#)

Gene Name C13orf15

Gene Alias KIAA0564, MGC87338, RGC-32, RGC32, bA157L14.2

Gene Description chromosome 13 open reading frame 15

Omim ID [610077](#)

Gene Ontology [Hyperlink](#)

**Gene Summary** This gene is thought to regulate cell cycle progression. It is induced by p53 in response to DNA damage, or by sublytic levels of complement system proteins that result in activation of the cell cycle. The encoded protein localizes to the cytoplasm during interphase and to centrosomes during mitosis. The protein forms a complex with polo-like kinase 1. The protein also translocates to the nucleus in response to treatment with complement system proteins, and can associate with and increase the kinase activity of cell division cycle 2 protein. In different assays and cell types, overexpression of this protein has been shown to activate or suppress cell cycle progression. [provided by RefSeq]

**Other Designations** OTTHUMP00000018322|response gene to complement 32

## Disease

- [Ovarian cancer](#)
- [Ovarian Neoplasms](#)

- [Retinoblastoma](#)