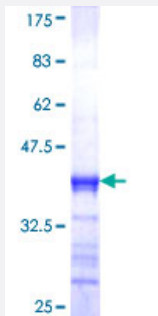


# CRSP3 (Human) Recombinant Protein (Q01)

Catalog # H00009439-Q01

Size 25 ug, 10 ug

## Applications



## Specification

<b>Product Description</b>	Human CRSP3 partial ORF ( NP_004821, 531 a.a. - 630 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Sequence</b>	LTVHAKMSLIHSIATRVIKLAHAKSSVALAPALVETYSRLLVYMEIESLGKGFISQLLPTVFKSHAWGI LHTLLEMFSYRMHHIQPHYRVQLLSHLHTL
<b>Host</b>	Wheat Germ (in vitro)
<b>Theoretical MW (kDa)</b>	36.74
<b>Interspecies Antigen Sequence</b>	Mouse (95); Rat (96)
<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 — MED23

Entrez GeneID [9439](#)

GeneBank Accession# [NM\\_004830](#)

Protein Accession# [NP\\_004821](#)

Gene Name MED23

Gene Alias CRSP130, CRSP133, CRSP3, DKFZp434H0117, DRIP130, SUR2

Gene Description mediator complex subunit 23

Omim ID [605042](#)

Gene Ontology [Hyperlink](#)

**Gene Summary**

The activation of gene transcription is a multistep process that is triggered by factors that recognize transcriptional enhancer sites in DNA. These factors work with co-activators to direct transcriptional initiation by the RNA polymerase II apparatus. The protein encoded by this gene is a subunit of the CRSP (cofactor required for SP1 activation) complex, which, along with TFIID, is required for efficient activation by SP1. This protein is also a component of other multisubunit complexes e.g. thyroid hormone receptor-(TR-) associated proteins which interact with TR and facilitate TR function on DNA templates in conjunction with initiation factors and cofactors. This protein also acts as a metastasis suppressor. Two alternatively spliced transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq]

**Other Designations**

130 kDa transcriptional co-activator|133 kDa transcriptional co-activator|CRSP 130-kD subunit|OTTHUMP00000017204|OTTHUMP00000017206|cofactor required for Sp1 transcriptional activation, subunit 3 (130kD)|cofactor required for Sp1 transcriptional activation

## Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)