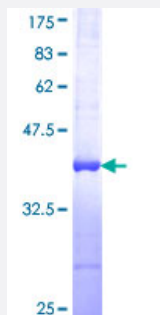


# CROP (Human) Recombinant Protein (Q01)

Catalog # H00051747-Q01

Size 10 ug, 25 ug

## Applications



## Specification

<b>Product Description</b>	Human CROP partial ORF ( NP_006098, 1 a.a. - 110 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Sequence</b>	MISAAQLLDELMGRDRNLAPDEKRSNVRWDHESVCKYYLCGFCPAELFTNTRSDLGPCEKIHDE NLRKQYEKSSRFMKVGYERDFLRYLQSLLAEVERRIRRGHARLALS
<b>Host</b>	Wheat Germ (in vitro)
<b>Theoretical MW (kDa)</b>	37.84
<b>Interspecies Antigen Sequence</b>	Mouse (100); Rat (100)
<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 — CROP

Entrez GeneID [51747](#)

GeneBank Accession# [NM\\_006107](#)

Protein Accession# [NP\\_006098](#)

Gene Name CROP

Gene Alias LUC7A, OA48-18

Gene Description cisplatin resistance-associated overexpressed protein

Omim ID [609434](#)

Gene Ontology [Hyperlink](#)

**Gene Summary** This gene encodes a protein with an N-terminal half that contains cysteine/histidine motifs and leucine zipper-like repeats, and the C-terminal half is rich in arginine and glutamate residues (RE domain) and arginine and serine residues (RS domain). This protein localizes with a speckled pattern in the nucleus, and could be involved in the formation of spliceosome via the RE and RS domains. Two alternatively spliced transcript variants encoding the same protein have been found for this gene. [provided by RefSeq]

**Other Designations** okadaic acid-inducible phosphoprotein

## Disease

- [Genetic Predisposition to Disease](#)
- [Narcolepsy](#)