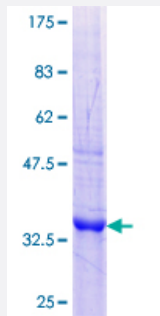


# CTRC (Human) Recombinant Protein (Q01)

Catalog # H00011330-Q01

Size 10 ug, 25 ug

## Applications



## Specification

|                                      |                                                                                                            |
|--------------------------------------|------------------------------------------------------------------------------------------------------------|
| <b>Product Description</b>           | Human CTRC partial ORF ( NP_009203.2, 170 a.a. - 268 a.a.) recombinant protein with GST-tag at N-terminal. |
| <b>Sequence</b>                      | ADKLQQGLQPVDHATCSRIDWWGFRVKKTMCAGGDGVISACNGDSSGGLNCQLENGSWEV<br>FGVSFGSRRGCNTRKKPVVYTRVSAYIDWINEKMQL       |
| <b>Host</b>                          | Wheat Germ (in vitro)                                                                                      |
| <b>Theoretical MW (kDa)</b>          | 36.63                                                                                                      |
| <b>Interspecies Antigen Sequence</b> | Mouse (78); Rat (77)                                                                                       |
| <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 — CTRC

Entrez GeneID [11330](#)

GeneBank Accession# [NM\\_007272](#)

Protein Accession# [NP\\_009203.2](#)

Gene Name CTRC

Gene Alias CLCR, ELA4

Gene Description chymotrypsin C (caldecrin)

Omim ID [601405](#)

Gene Ontology [Hyperlink](#)

**Gene Summary** This gene encodes a member of the peptidase S1 family. The encoded protein is a serum calcium-decreasing factor that has chymotrypsin-like protease activity. Alternatively spliced transcript variants have been observed, but their full-length nature has not been determined. [provided by RefSeq]

**Other Designations** OTTHUMP00000002321|OTTHUMP00000044526|caldecrin|chymotrypsin C|elastase 4|elastase IV|serum calcium decreasing factor

## Disease

- [Calcinosis](#)
- [Chronic Disease](#)
- [Genetic Predisposition to Disease](#)

- [Pancreatitis](#)