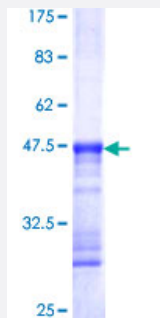


# DDIT4 (Human) Recombinant Protein (Q01)

Catalog # H00054541-Q01

Size 25 ug, 10 ug

## Applications



## Specification

|                                      |                                                                                                          |
|--------------------------------------|----------------------------------------------------------------------------------------------------------|
| <b>Product Description</b>           | Human DDIT4 partial ORF ( NP_061931, 1 a.a. - 99 a.a.) recombinant protein with GST-tag at N-terminal.   |
| <b>Sequence</b>                      | MPSLWDRFSSSSSTSSSPSSLPRTPTPDRPPRSAWGSATREEGFDRSTSLESSDCESLDSSNSG<br>FGPEEDTAYLDGVSLPDFELLSDPEDEHLCANLMQL |
| <b>Host</b>                          | Wheat Germ (in vitro)                                                                                    |
| <b>Theoretical MW (kDa)</b>          | 36.63                                                                                                    |
| <b>Interspecies Antigen Sequence</b> | Mouse (91); Rat (90)                                                                                     |
| <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 — DDIT4

|                     |                                                            |
|---------------------|------------------------------------------------------------|
| Entrez GeneID       | <a href="#">54541</a>                                      |
| GeneBank Accession# | <a href="#">NM_019058</a>                                  |
| Protein Accession#  | <a href="#">NP_061931</a>                                  |
| Gene Name           | DDIT4                                                      |
| Gene Alias          | Dig2, FLJ20500, REDD-1, REDD1, RP11-442H21.1, RTP801       |
| Gene Description    | DNA-damage-inducible transcript 4                          |
| Omim ID             | <a href="#">607729</a>                                     |
| Gene Ontology       | <a href="#">Hyperlink</a>                                  |
| Other Designations  | HIF-1 responsive RTP801 (RTP801) OTTHUMP00000019785 RTP801 |

## Pathway

- [mTOR signaling pathway](#)