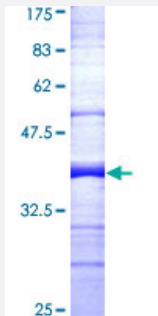


# DIABLO (Human) Recombinant Protein (Q01)

Catalog # H00056616-Q01

Size 25 ug, 10 ug

## Applications



## Specification

|                                      |                                                                                                           |
|--------------------------------------|-----------------------------------------------------------------------------------------------------------|
| <b>Product Description</b>           | Human DIABLO partial ORF ( AAH11909, 119 a.a. - 218 a.a.) recombinant protein with GST-tag at N-terminal. |
| <b>Sequence</b>                      | SLLGKMNSEEEDEVWQVIIGARAEMTSKHQEYLLKLETTWMTAVGLSEMAEEAAYQTGADQASITARNHIQLVKLQVEEVHQLSRKAETKLAEAQIEELRQ     |
| <b>Host</b>                          | Wheat Germ (in vitro)                                                                                     |
| <b>Theoretical MW (kDa)</b>          | 36.63                                                                                                     |
| <b>Interspecies Antigen Sequence</b> | Mouse (84)                                                                                                |
| <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 — DIABLO

Entrez GeneID [56616](#)

GeneBank Accession# [BC011909](#)

Protein Accession# [AAH11909](#)

Gene Name DIABLO

Gene Alias DIABLO-S, FLJ10537, FLJ25049, SMAC, SMAC3

Gene Description diablo homolog (Drosophila)

Omim ID [605219](#)

Gene Ontology [Hyperlink](#)

**Gene Summary** This gene encodes an inhibitor of apoptosis protein (IAP)-binding protein. The encoded mitochondrial protein enters the cytosol when cells undergo apoptosis, and it moderates the caspase inhibition of IAPs. Multiple polyadenylation sites have been found for this gene. Four alternatively spliced transcript variants have been described for this gene, with two of them encoding different isoforms and the other two probably not encoding a protein. [provided by RefSeq]

**Other Designations** 0610041G12Rik|diablo|direct IAP-binding protein with low pI|mitochondrial Smac protein|second mitochondria-derived activator of caspase

## Disease

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