

## Recombinant Mouse Diablo Protein, Myc/DDK-tagged

**Cat. No.** Diablo-2563M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                        |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Purified recombinant protein of mouse full-length diablo, IAP-binding mitochondrial protein (Diablo), with C-terminal MYC/DDK tag, expressed in HEK293T cells.                                                                                         |
| <b>Species</b>          | Mouse                                                                                                                                                                                                                                                  |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                 |
| <b>Description</b>      | Promotes apoptosis by activating caspases in the cytochrome c/Apaf-1/caspase-9 pathway. Acts by opposing the inhibitory activity of inhibitor of apoptosis proteins (IAP). Inhibits the activity of BIRC6/bruce by inhibiting its binding to caspases. |
| <b>Molecular Mass</b>   | 26.8 kDa                                                                                                                                                                                                                                               |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining                                                                                                                                                                                            |
| <b>Stability</b>        | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.                                                                                                          |
| <b>Storage</b>          | Store at -80 centigrade after receiving vials.                                                                                                                                                                                                         |
| <b>Concentration</b>    | >50 µg/mL as determined by microplate BCA method                                                                                                                                                                                                       |
| <b>Storage Buffer</b>   | 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.                                                                                                                                                                                                  |

### GENE INFORMATION

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|                        |                                                                                                                                                                                                                                                    |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | Diablo diablo, IAP-binding mitochondrial protein [ Mus musculus (house mouse) ]                                                                                                                                                                    |
| <b>Official Symbol</b> | Diablo                                                                                                                                                                                                                                             |
| <b>Synonyms</b>        | DIABLO; diablo homolog (Drosophila); diablo homolog, mitochondrial; direct IAP binding protein with low PI; direct IAP-binding protein with low pI; second mitochondria-derived activator of caspase; Smac; AU040403; 0610041G12Rik; 1700006L01Rik |
| <b>Gene ID</b>         | 66593                                                                                                                                                                                                                                              |
| <b>mRNA Refseq</b>     | NM_023232                                                                                                                                                                                                                                          |
| <b>Protein Refseq</b>  | NP_075721                                                                                                                                                                                                                                          |
| <b>UniProt ID</b>      | Q9JIQ3                                                                                                                                                                                                                                             |

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