

## Recombinant Human DIABLO protein, GST/His-tagged

**Cat. No.** DIABLO-23H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                 |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant full length Human DIABLO fused with 6xHis-GST tag was expressed in E. coli.                                                                         |
| <b>Species</b>          | Human                                                                                                                                                           |
| <b>Source</b>           | E.coli                                                                                                                                                          |
| <b>ProteinLength</b>    | 1-239 aa (full-length)                                                                                                                                          |
| <b>Form</b>             | Phosphate-Buffered Saline (PBS), pH 7.4. No preservatives added.                                                                                                |
| <b>Molecular Mass</b>   | 56084 Da                                                                                                                                                        |
| <b>Purity</b>           | >90%                                                                                                                                                            |
| <b>Applications</b>     | ELISA, WB, Antibody Production, Protein array                                                                                                                   |
| <b>Storage</b>          | Frozen / Solution. For extended storage, conserve at -80°C. Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week. |

### GENE INFORMATION

|                        |                                                                   |
|------------------------|-------------------------------------------------------------------|
| <b>Gene Name</b>       | DIABLO diablo, IAP-binding mitochondrial protein [ Homo sapiens ] |
| <b>Official Symbol</b> | DIABLO                                                            |

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| <b>Synonyms</b>            | DIABLO; diablo, IAP-binding mitochondrial protein; diablo homolog, mitochondrial; DFNA64; DIABLO S; FLJ10537; FLJ25049; second mitochondria derived activator of caspase; SMAC; 0610041G12Rik; mitochondrial Smac protein; direct IAP-binding protein with low pI; second mitochondria-derived activator of caspase; SMAC3; DIABLO-S;                                                                       |
| <b>Gene ID</b>             | <a href="#">56616</a>                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>mRNA Refseq</b>         | <a href="#">NM_019887</a>                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Protein Refseq</b>      | <a href="#">NP_063940</a>                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>MIM</b>                 | <a href="#">605219</a>                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>UniProt ID</b>          | <a href="#">Q9NR28</a>                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Chromosome Location</b> | 12q24.31                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Pathway</b>             | Apoptosis, organism-specific biosystem; Apoptosis, organism-specific biosystem; Apoptotic factor-mediated response, organism-specific biosystem; Caspase cascade in apoptosis, organism-specific biosystem; Intrinsic Pathway for Apoptosis, organism-specific biosystem; Release of apoptotic factors from the mitochondria, organism-specific biosystem; SMAC binds to IAPs, organism-specific biosystem; |
| <b>Function</b>            | protein binding;                                                                                                                                                                                                                                                                                                                                                                                            |