

Recombinant Mouse Diablo Protein, Myc/DDK-tagged

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

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length diablo, IAP-binding mitochondrial protein (Diablo), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	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.
Molecular Mass	26.8 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

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

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