

Recombinant Human DIABLO Protein, GST-tagged

Cat. No. DIABLO-106H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DIABLO Protein(NP_063940)(1-239 aa), fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-239 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectants before lyophilization.
AA Sequence	MAALKSWLSRSVTSFFRYRQCLCVPVANFKKRCFSELIRPWHKTVTIGFGVTLCV PIAQKSEPHSLSSSEALMRAVSLVTDSTSTFLSQTTYALIEAITEYTKAVYTLTSLYRQ YTSLLGKMNSEEEDEVWQVIIGARAEMTSKHQEYKLETTWMTAVGLSEMAAEAAAY QTGADQASITARNHIQLVKLQVEEVHQLSRKAETKLAEAQIEELRQKTQEEGEERAE SEQEAYLRED
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

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Reconstitution

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.

Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage (see Stability and Storage for more details).

If a different concentration is needed for your purposes please adjust the reconstitution volume as required (please note: the ion concentration of the final solution will vary according to the volume used).

Note: Centrifuge vial before opening. When reconstituting, gently pipet and wash down the sides of the vial to ensure full recovery of the protein into solution.

GENE INFORMATION

Gene Name	DIABLO diablo, IAP-binding mitochondrial protein [Homo sapiens]
Official Symbol	DIABLO
Synonyms	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;
Gene ID	56616
mRNA Refseq	NM_019887
Protein Refseq	NP_063940
MIM	605219
UniProt ID	Q9NR28

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SDS-PAGE



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