

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	MAALKSWLSRSVTSFFRYRQCLCVPVANFKKRCFSELIRPWHKTVTIGFGVTLCVAV PIAQKSEPHSLSSSEALMRRVSLVTDSTSTFLSQTTYALIEAITEYTKAVYTLTSLYRQ YTSLLGKMNSEEEDEVWQVIIGARAEMTSKHQEYKLETTWMTAVGLSEMAAEAAAY QTGADQASITARNHIQLVKLQVEEVHQLSRKAETKLAEAEIQLRQKTQEEGEEERAE 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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