

Active Recombinant Human DIABLO protein, His-tagged

Cat. No. DIABLO-869H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human DIABLO protein(NP_063940.1)(Ala56-Asp239), fused with His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Ala56-Asp239
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized recombinant human SMAC-His at 10 µg/ml (100 µl/well) can bind recombinant human XIAP-AVI with a linear range of 0.125-1.0 µg/ml.
Molecular Mass	The recombinant human Diablo/SMAC consists of 191 amino acids and migrates as polypeptide of 22 kDa as estimated by SDS-PAGE under reduced and non-reduced conditions.
Purity	> 90 % as determined by SDS-PAGE
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Reconstitution It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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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