

Recombinant Human Diablo Homolog (Drosophila), T7-tagged

Cat. No. DIABLO-377H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human Smac fused to T7-tag. at N-terminus was expressed in E.coli and purified by conventional chromatography techniques, 22 kDa (199 aa).
Species	Human
Source	E.coli
Description	Smac/Diablo is one of the proapoptotic proteins. Smac promotes caspase activation in the cytochrome c/Apaf-1/caspase-9 pathway by binding to inhibitor of apoptosis proteins (IAPs) and removing their inhibitory activity.
Sequences of amino acids	MASMTGGGQQM GRGSMAPVIA QKSEPHSLSS EALMRRVSL VTDSTSTFLS QTTYALIEAI TEYTKAVYTL TSLYRQYTS L GKMNSEED EVWQVIIGAR AEMTSKHQEY LKLETTWMTA VGLSEMAAEA AYQTGADQAS ITARNHIQLV KLQVEEVHQL SRKAETKLAE AQIEELRQKT QEEGEERAES EQEAYLRED
Formulation	Liquid. In 20 mM Tris-HCl buffer (pH 7.5)
Purity	> 95% by SDS - PAGE
Concentration	1 mg/ml (determined by Bradford assay)
Storage	Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing 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

GENE INFORMATION

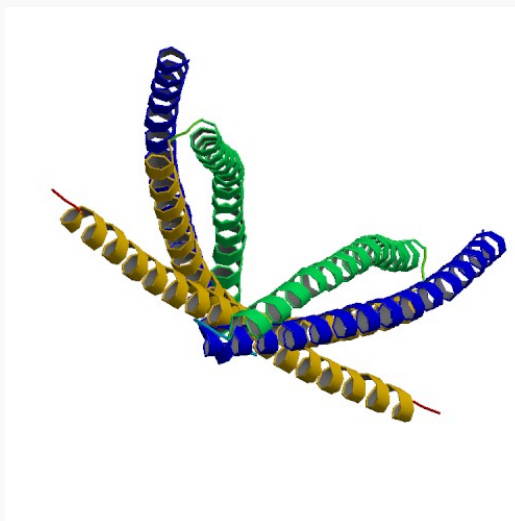
Gene Name	DIABLO diablo homolog (Drosophila) [Homo sapiens]
Synonyms	DIABLO; diablo homolog (Drosophila); SMAC; SMAC3; DIABLO-S; FLJ10537; FLJ25049;Diablo; 0610041G12Rik; mitochondrial Smac protein; direct IAP-binding protein with low pI; second mitochondria-derived activator of caspase; 5` partial; Diablo homolog, mitochondrial; diablo; Direct IAP-binding protein with low Pi; Second mitochondria-derived activator of caspase; Smac protein
Gene ID	56616
mRNA Refseq	NM_019887
Protein Refseq	NP_063940
MIM	605219
UniProt ID	Q9NR28
Chromosome Location	12q24
Pathway	Apoptosis
Function	protein binding

 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

PDB rendering based
on 1few



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