

SMAC/DIABLO Human Recombinant

Item Number	rAP-4414
Synonyms	Diablo homolog mitochondrial, Second mitochondria-derived activator of caspase, Smac protein, Direct IAP-binding protein with low pl, DIABLO, SMAC, SMAC3, DIABLO-S, FLJ10537, FLJ25049.
Description	Smac/Diablo Human Recombinant fused to N-terminal T7-Tag produced in E.Coli is a single, non-glycosylated polypeptide chain containing 199 amino acids and having a molecular mass of 22 kDa.
Uniprot Accession Number	Q9NR28
Amino Acid Sequence	MASMTGGQQM GRGSMAPVIA QKSEPHSLSS EALMRRVSL VTDSTSTFLS QTTYALIEAI TEY-TKAVYTL TSLYRQYTS LGKMNSEED EVWQVIIGAR AEMTSKHQY LKLETTWMTA VGLSEMAAEA AYQTGADQAS ITARNHIQLV KLQVEEVHQL SRKAETKLAE AQIEELRQKT QEEGEERAES EQEAYL-RED.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Formulation and Purity	The Smac/Diablo solution contains 20mM Tris pH-7.5. Greater than 95.0% as determined by:(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**