

Product datasheet for **AR03005PU-L**

DIABLO / SMAC (56-239) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	DIABLO / SMAC (56-239) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	<u>MASMTGGQOM</u> <u>GRGSM</u> AVPIA QKSEPHSLSS EALMRRRAVSL VTDSTSTFLS QTTYALIEAI TEYTKAVYTL TSLYRQYTSI LGKMNSEED EWWQVIIGAR AEMTSKHQEI LKLETTWMTA VGLSEMAAEA AYQTGADQAS ITARNHIQLV KLQVEEVHQL SRKAETKLAE AQIEELRQKT QEEGEERAES EQEAYLRED
Predicted MW:	22 kDa
Concentration:	lot specific
Purity:	>95% > 95 % by SDS PAGE
Buffer:	Presentation State: Purified State: Liquid protein, purified by conventional chromatography techniques Buffer System: 20 mM Tris pH 7.5
Preparation:	Liquid protein, purified by conventional chromatography techniques
Protein Description:	Recombinant human Smac fused to T7-tag.
Note:	NCBI Accession No: NP_063940
Storage:	Store at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: six months from despatch.
RefSeq:	<u>NP_001265231</u>
Locus ID:	56616
UniProt ID:	<u>Q9NR28</u> , <u>Q502X2</u> , <u>K7X150</u>
Cytogenetics:	12q24.31
Synonyms:	DFNA64; SMAC



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Summary:

This gene encodes an inhibitor of apoptosis protein (IAP)-binding protein. The encoded mitochondrial protein enters the cytosol when cells undergo apoptosis, and allows activation of caspases by binding to inhibitor of apoptosis proteins. Overexpression of the encoded protein sensitizes tumor cells to apoptosis. A mutation in this gene is associated with young-adult onset of nonsyndromic deafness-64. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, May 2013]

Protein Families:

Transmembrane

Product images: