

Product datasheet for AR03005PU-L

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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:

MASMTGGQQM GRGSMAVPIA QKSEPHSLSS EALMRRAVSL VTDSTSTFLS QTTYALIEAI TEYTKAVYTL TSLYRQYTSL LGKMNSEEED EVWQVIIGAR AEMTSKHQEY 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: NP 001265231

Locus ID: 56616

UniProt ID: <u>Q9NR28</u>, <u>Q502X2</u>, <u>K7X1S0</u>

Cytogenetics: 12q24.31

Synonyms: DFNA64; SMAC





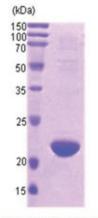
Summary:

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:



15% SDS-PAGE (3ug)