

Recombinant Human DIABLO Protein

Cat. No. DIABLO-2618H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human DIABLO (NP_063940.1) full-length recombinant protein expressed in yeast.
Species	Human
Source	Yeast
Description	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]
Form	Liquid
Molecular Mass	27.1 kDa
AA Sequence	MAALKSWLSRSVTSFFRYRQCLCVPVVFANFKKRCFSELIRPWHKTVTIGFGVTLCV PIAQKSEPHSLSSSEALMRRVSLVTDSTSTFLSQTTYALIEAITEYTKAVYTLTSLYRQ YTSLLGKMNSEEEDEVWQVIIGARAEMTSKHQEYLLKLETTWMTAVGLSEMAAEAAAY QTGADQASITARNHIQLVKLQVEEVHQLSRKAETKLAEAQIEELRQKTQEEGEERAE SEQEAYLRED
Purity	90%

 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

Applications	SDS-PAGE
Storage	Store at -20 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	In 50 mM HEPES, 100mM NaCl, pH 7.5 (30% glycerol, 30 mM Glutathione, 0.5% TritonX-100, 1 mM dithiothreitol)

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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