

Recombinant Human DIABLO Protein

Cat. No. DIABLO-2617H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human DIABLO (NP_063940, 56 a.a. - 239 a.a.) partial recombinant protein expressed in Escherichia coli.
Species	Human
Source	E.coli
ProteinLength	56-239 a.a.
Description	<p>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.</p> <p>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]</p>
Form	Liquid
Molecular Mass	22 kDa
AA Sequence	<p>MASMTGGQQMGRGSMAPVIAQKSEPHSLSSEALMRRVSLVTDSTSTFLSQTTYAL</p> <p>IEAITEYTKAVYTLTSLYRQYTSLLGKMNSEEEDEVWQVIIGARAEMTSKHQEYLLKLE</p> <p>TTWMTAVGLSEMAAEAAAYQTGADQASITARNHIQLVKLQVEEVHQLSRKAETKLAE</p> <p>AQIEELRQKTQEEGEERAESEQEAYLRED</p>

 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

Purity	> 95% by SDS-PAGE
Applications	SDS-PAGE
Storage	Store at 4 centigrade for 1-2 weeks. For long term storage store at -20 centigrade or -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Concentration	1 mg/mL
Storage Buffer	In 20 mM Tris pH 7.5

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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

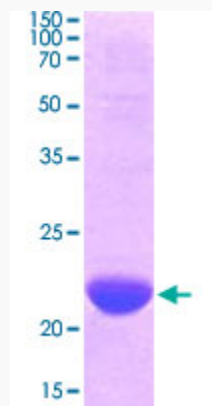
 45-1 Ramsey Road, Shirley, NY 11967, USA

UniProt ID

Q9NR28

Quality Control

Testing:



Loading 3 µg protein in 15% SDS-PAGE

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