

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	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	22 kDa
AA Sequence	MASMTGGQQMGRGSMAPVIAQKSEPHSLSSEALMRRVSLVTDSTSTFLSQTYYAL IEAITEYTKAVYTLTSLYRQYTSLLGKMNSEEEDEVWQVIIGARAEMTSKHQEYLLKLE TTWMTAVGLSEMAAEAAAYQTGADQASITARNHIQLVKLQVEEVHQLSRKAETKLAE AQIEELRQKTQEEGEERAESEQEAYLRED

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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

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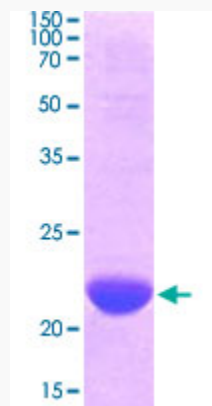
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UniProt ID

Q9NR28

Quality Control

Testing:



Loading 3 µg protein in 15% SDS-PAGE

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