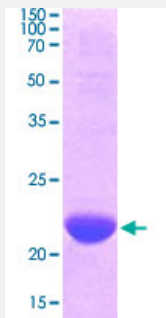


DIABLO (Human) Recombinant Protein

Catalog # P3525 Size 100 ug

Applications



Specification

Product Description	Human DIABLO (NP_063940, 56 a.a. - 239 a.a.) partial recombinant protein expressed in <i>Escherichia coli</i> .
Sequence	MASMTGGQQMGRGSMAPVIAQKSEPHLSSEALMRRVSLVTDSTSTFLSQTTYALIEAITEYTKA VYTLTSLYRQYTSLLGKMNSEEEDEVWQVIIGARAEMTSKHQEYLKLETTWMTAVGLSEMAAEAA YQTGADQASITARNHIQLVKLQVEEVHQLSRKAETKLAEAQIEELRQKTQEEGEERAEESEQEAYLR ED
Host	Escherichia coli
Theoretical MW (kDa)	22
Form	Liquid
Preparation Method	<i>Escherichia coli</i> expression system
Purification	Conventional Chromatography
Concentration	1 mg/mL
Purity	> 95% by SDS-PAGE
Quality Control Testing	Loading 3 ug protein in 15% SDS-PAGE
Storage Buffer	In 20 mM Tris, pH 7.5.

Storage Instruction

Store at 2°C to 8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C.
Aliquot to avoid repeated freezing and thawing.

Applications

- SDS-PAGE

Gene Info — DIABLO

Entrez GeneID [56616](#)

Protein Accession# [NP_063940](#)

Gene Name DIABLO

Gene Alias DIABLO-S, FLJ10537, FLJ25049, SMAC, SMAC3

Gene Description diablo homolog (Drosophila)

Omim ID [605219](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes an inhibitor of apoptosis protein (IAP)-binding protein. The encoded mitochondrial protein enters the cytosol when cells undergo apoptosis, and it moderates the caspase inhibition of IAPs. Multiple polyadenylation sites have been found for this gene. Four alternatively spliced transcript variants have been described for this gene, with two of them encoding different isoforms and the other two probably not encoding a protein. [provided by RefSeq]

Other Designations 0610041G12Rik|diablo|direct IAP-binding protein with low pI|mitochondrial Smac protein|second mitochondria-derived activator of caspase

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)