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Product datasheet for PH324145

DIABLO (NM_138930) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	DIABLO MS Standard C13 and N15-labeled recombinant protein (NP_620308)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC224145
Predicted MW:	21.7 kDa
Protein Sequence:	>RC224145 representing NM_138930 Red=Cloning site Green=Tags(s) MKSDFYFQKSEPHSLSSEALMRRAVSLVTDSTSTFLSQTTYALIEAITEYTKAVYTLTSLYRQYTSLLGK MNSEEEDEVWQVIIGARAEMTSKHQEYLKLETTWMTAVGLSEMAAEAAYQTGADQASITARNHIQLVKLQ VEEVHQLSRKAETKLAEAQIEELRQKTQEEGEERAESEQEAYLRED TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_620308
RefSeq Size:	2455
RefSeq ORF:	558
Synonyms:	DFNA64; SMAC
Locus ID:	56616
UniProt ID:	Q9NR28, Q502X2

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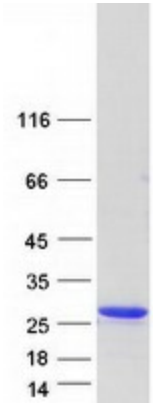
Cytogenetics: 12q24.31

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:



Coomassie blue staining of purified DIABLO protein (Cat# [TP324145]). The protein was produced from HEK293T cells transfected with DIABLO cDNA clone (Cat# [RC224145]) using MegaTran 2.0 (Cat# [TT210002]).