

Product datasheet for PH321347

BCL2L12 (NM_138639) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	BCL2L12 MS Standard C13 and N15-labeled recombinant protein (NP_619580)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC221347
Predicted MW:	36.6 kDa
Protein Sequence:	>RC221347 representing NM_138639 Red=Cloning site Green=Tags(s) MGRPAGLFPPLCPFLGFRPEACWERHMQIERAPSVPPFLRWAGYRPGPVRRRGKVELIKFVRVQWRRPQV EWRRRRWGPGPGASMGSEELGLREDTLRVLAFLRRGEAAGSPVPTPPRSPAQEPTDFLSRLRRLCLPC SLGRGAAPSESPRPSLPIRPCYGLEPGPATPDFYALVAQRLEQLVQEQLKSPSPPELQGPPSTEKEAIL RRLVALLLEEAEVINQKLASDPALRSKLVRLSSDSFARLVELFCSRDDSSRPSRACGPPPPSPEPLARL ALAMELSRRVAGLGGTLAGLSVEHVHSFTPWIIQAHHGGWEGILAVSPVDLNLPLD 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- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-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_619580
RefSeq Size:	1893
RefSeq ORF:	1002
Locus ID:	83596
UniProt ID:	Q9HB09



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Cytogenetics: 19q13.33

Summary: This gene encodes a member of a family of proteins containing a Bcl-2 homology domain 2 (BH2). The encoded protein is an anti-apoptotic factor that acts as an inhibitor of caspases 3 and 7 in the cytoplasm. In the nucleus, it binds to the p53 tumor suppressor protein, preventing its association with target genes. Overexpression of this gene has been detected in a number of different cancers. There is a pseudogene for this gene on chromosome 3. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Sep 2013]

Protein Families: Druggable Genome

Product images:



Coomassie blue staining of purified BCL2L12 protein (Cat# [TP321347]). The protein was produced from HEK293T cells transfected with BCL2L12 cDNA clone (Cat# [RC221347]) using MegaTran 2.0 (Cat# [TT210002]).