

Product datasheet for PH321347

OriGene Technologies, Inc.

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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)

MGRPAGLFPPLCPFLGFRPEACWERHMQIERAPSVPPFLRWAGYRPGPVRRRGKVELIKFVRVQWRRPQVEWRRRRWGPGPGASMAGSEELGLREDTLRVLAAFLRRGEAAGSPVPTPPRSPAQEEPTDFLSRLRRCLPCSLGRGAAPSESPRPCSLPIRPCYGLEPGPATPDFYALVAQRLEQLVQEQLKSPPSPELQGPPSTEKEAILRRLVALLEEEAEVINQKLASDPALRSKLVRLSSDSFARLVELFCSRDDSSRPSRACPGPPPPSPEPLARL

ALAMELSRRVAGLGGTLAGLSVEHVHSFTPWIQAHGGWEGILAVSPVDLNLPLD

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 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

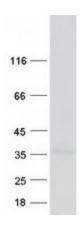
and 7 in the cytoplasm. In the nucleus, it binds to the p53 tumor suppressor protein,

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]).