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Product datasheet for TP304498L

BCL2 (NM_000633) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human B-cell CLL/lymphoma 2 (BCL2), nuclear gene encoding mitochondrial protein, transcript variant alpha, 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC204498 representing NM_000633 Red=Cloning site Green=Tags(s) MAHAGRTGYDNREIVMKYIHYKLSQRGYEWDAGDVGAAPPGAAPAPGIFSSQPGHTPHPAASRDPVARTS PLQTPAAPGAAAGPALSPVPPVVHLTLRQAGDDFSRRYRRDFAEMSSQLHLTPFTARGRFATVVEELFRD GVNWGRIVAFFEFGGVMCVESVNREMSPLVDNIALWMTEYLNRHLHTWIQDNGGWDAFVELYGPSMRPLF DFSWLSLKTLLSLALVGACITLGAYLGHK TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	26.1 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_000624
Locus ID:	596

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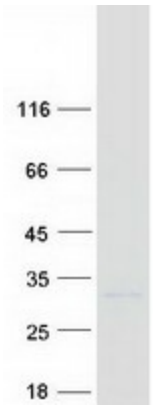
UniProt ID:	P10415, A0A024R2B3
RefSeq Size:	6492
Cytogenetics:	18q21.33
RefSeq ORF:	717
Synonyms:	Bcl-2; PPP1R50
Summary:	This gene encodes an integral outer mitochondrial membrane protein that blocks the apoptotic death of some cells such as lymphocytes. Constitutive expression of BCL2, such as in the case of translocation of BCL2 to Ig heavy chain locus, is thought to be the cause of follicular lymphoma. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Feb 2016]
Protein Families:	Druggable Genome, ES Cell Differentiation/IPS, Stem cell - Pluripotency, Transmembrane
Protein Pathways:	Amyotrophic lateral sclerosis (ALS), Apoptosis, Colorectal cancer, Focal adhesion, Neurotrophin signaling pathway, Pathways in cancer, Prostate cancer, Small cell lung cancer

Product images:



Coomassie blue staining of purified BCL2 protein (Cat# [TP304498]). The protein was produced from HEK293T cells transfected with BCL2 cDNA clone (Cat# [RC204498]) using MegaTran 2.0 (Cat# [TT210002]).