

Product datasheet for **TP304498M**

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, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA	>RC204498 representing NM_000633
Clone or AA Sequence:	Red=Cloning site Green=Tags(s)

MAHAGRTGYDNREIVMKYIHYKLSQRGYEWDAGDVGAAPPGAAPAPGIFSSQPGHTPHPAASRDPVARTS
PLQTPAAPGAAAGPALSPVPPVHLLTRQAGDDFSRRYRRDFAEMSSQLHLTPFTARGRFATVVEELFRD
GVNWGRIVAFFEFGGVMCVESVNREMSPLVDNIALWMTEYLNRLHTWIQDNGGWDAFVELYGPSMRPLF
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:	<u>NP_000624</u>
Locus ID:	596



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UniProt ID: [P10415](#), [A0A024R2B3](#)

RefSeq Size: 6492

Cytogenetics: 18q21.33

RefSeq ORF: 717

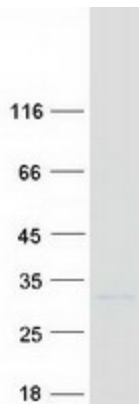
Synonyms: Bcl-2; PPP1R50

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]).