

## Product datasheet for **TP304498**

### **BCL2 (NM\_000633) Human Recombinant Protein**

#### **Product data:**

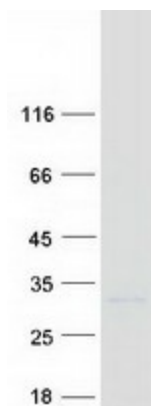
<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Recombinant protein of human B-cell CLL/lymphoma 2 (BCL2), nuclear gene encoding mitochondrial protein, transcript variant alpha
<b>Species:</b>	Human
<b>Expression Host:</b>	HEK293T
<b>Tag:</b>	C-Myc/DDK
<b>Predicted MW:</b>	26.1 kDa
<b>Concentration:</b>	>50 ug/mL as determined by microplate BCA method
<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol
<b>Preparation:</b>	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_000624</a>
<b>Locus ID:</b>	596
<b>RefSeq Size:</b>	6492
<b>Cytogenetics:</b>	18q21.33
<b>RefSeq ORF:</b>	717
<b>Synonyms:</b>	Bcl-2; PPP1R50
<b>Summary:</b>	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]
<b>Protein Families:</b>	Druggable Genome, ES Cell Differentiation/IPS, Stem cell - Pluripotency, Transmembrane



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**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]).