

Product datasheet for **AR09337PU-N**

Bcl-2-like 2 (1-172, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Bcl-2-like 2 (1-172, His-tag) human recombinant protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	<u>MGSSHHHHHH SSGLVPRGSH</u> MATPASAPDT RALVADFDVGY KLRQKGYVCG AGPGEGPAAD PLHQAMRAAG DEFETRFRRT FSDLAAQLHV TPGSAQQRFT QVSDELFQGG PNWGRVLAFF VFGAALCAES VNKEMEPLVG QVQEWVAVYL ETRLADWIHS SGGWAEFTAL YGDGALEEAR RLREGNWASV RT
Tag:	His-tag
Predicted MW:	20.9 kDa
Concentration:	lot specific
Purity:	>95% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 7.5) containing 100 mM NaCl, 10% glycerol
Preparation:	Liquid purified protein
Protein Description:	Recombinant human BCL2L2, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<u>NP_001186768</u>
Locus ID:	599
UniProt ID:	<u>Q92843</u>
Cytogenetics:	14q11.2
Synonyms:	BCL-W; BCL2-L-2; BCLW; PPP1R51



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Summary:

This gene encodes a member of the BCL-2 protein family. The proteins of this family form hetero- or homodimers and act as anti- and pro-apoptotic regulators. Expression of this gene in cells has been shown to contribute to reduced cell apoptosis under cytotoxic conditions. Studies of the related gene in mice indicated a role in the survival of NGF- and BDNF-dependent neurons. Mutation and knockout studies of the mouse gene demonstrated an essential role in adult spermatogenesis. Alternative splicing results in multiple transcript variants. Read-through transcription also exists between this gene and the neighboring downstream PABPN1 (poly(A) binding protein, nuclear 1) gene. [provided by RefSeq, Dec 2010]

Protein Families:

Druggable Genome, Transmembrane

Product images: