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Product Information

MemDX™ Membrane Protein Human BCL2L2 (BCL2 like 2) for Antibody Discovery

Cat. No.: **MP0816J**
This product is for research use only and is not intended for diagnostic use.

This product is a 20.6 kDa Human BCL2L2 membrane protein expressed in HEK293T. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

Product Specifications

Host Species
Human

Target Protein
BCL2L2

Protein Length
Full-length

Protein Class
Druggable Genome, Transmembrane

Molecular Weight
20.6 kDa

Sequence
MATPASAPDTRALVADFVGYKLRQKGYVCGAGPGEGPAADPLHQAMRAAGDEFETRFRRTFSDLAAQLHV
TPGSAQQRFTQVSDELFQGGPNWGRLVAFFVFGAALCAESVNKEMEPLVGQVQEWMVAYLETRLADWIHS
SGGWAEFTALYGDGALEEARRLREGNWASVRTVLTGAVALGALVTVGAFFASK

Product Description

Expression Systems
HEK293T

Tag
C-Myc/DDK

Form
Liquid

Purification
Anti-DDK affinity column followed by conventional chromatography steps

Purity

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> 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer

25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol

Storage

Store at +4°C for up to one week or several months at -80°C

Target

Target Protein

BCL2L2

Full Name

BCL2 like 2

Introduction

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.

Alternative Names

BCL-W; BCL2-L-2; BCLW; PPP1R51

Gene ID

599

UniProt ID

Q92843

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