



**Catalog Number:** PR27253

**Product Type:** Recombinant Protein

**Source:** *E. Coli*

**Amino Acid Sequence:** ATPASAPDTR ALVADFGYK LRQKGYVCGA GPGEPAADP LHMAMRAAGD EFETFRRTF  
SDLAAQLHVT PGSAQQRFTQ VSDELFGGGP NWGRLVAFFV FGAALCAESV NKEMEPLVGQ  
VQEWVMAYLE TQLADWIHSS GGWAEFTALY GDGALEEARR LREGNWASVR T

**Description/Molecular Mass:** BCL2L2 promotes cell survival. BCL2L2 mediates survival of postmitotic Sertoli cells by suppressing death-promoting activity of BAX. BCL2L2 is part of the BCL-2 protein family which form hetero- or homodimers and play an important role as anti and proapoptotic regulators. BCL2L2 causes reduced cell apoptosis under cytotoxic conditions. BCL2L2 is involved in the survival of NGF- and BDNF-dependent neurons. BCL2L2 plays an important role in adult spermatogenesis.

**Purity:** Recombinant Human BCL2L2 produced in *E.coli* cells is a non-glycosylated, homodimeric protein containing 171 amino acid chain and having a molecular mass of 18.6kDa. The Human BCL2L2 is purified by proprietary chromatographic techniques.

Greater than 95.0% as determined by:

(a) Analysis by SDS-PAGE.

(b) Analysis by RP-HPLC.

**Format:** BCL2L2 is a 0.2µm filtered concentrated solution which contains 25 mM Hepes, pH 7.4, 100 mM KCl, 10 % Glycerol, 5 % Trehalose, and 0.02 % Tween-80.

**Storage:** Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

### FOR RESEARCH USE ONLY

NEUROMICS' REAGENTS ARE FOR IN VITRO AND CERTAIN NON-HUMAN IN VIVO EXPERIMENTAL USE ONLY AND NOT INTENDED FOR USE IN ANY HUMAN CLINICAL INVESTIGATION, DIAGNOSIS, PROGNOSIS, OR TREATMENT. THE ABOVE ANALYSES ARE MERELY TYPICAL GUIDES. THEY ARE NOT TO BE CONSTRUED AS BEING SPECIFICATIONS. ALL OF THE ABOVE INFORMATION IS, TO THE BEST OF OUR KNOWLEDGE, TRUE AND ACCURATE. HOWEVER, SINCE THE CONDITIONS OF USE ARE BEYOND OUR CONTROL, ALL RECOMMENDATIONS OR SUGGESTIONS ARE MADE WITHOUT GUARANTEE, EXPRESS OR IMPLIED, ON OUR PART. WE DISCLAIM ALL LIABILITY IN CONNECTION WITH THE USE OF THE INFORMATION CONTAINED HEREIN OR OTHERWISE, AND ALL SUCH RSKS ARE ASSUMED BY THE USER. WE FURTHER EXPRESSLY DISCLAIM ALL WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

03/08v1

[www.neuromics.com](http://www.neuromics.com)

Neuromics • 5325 West 74<sup>th</sup> Street, Suite 8 • Edina, MN 55439  
phone 866-350-1500 • fax 612-677-3976 • e-mail [pshuster@neuromics.com](mailto:pshuster@neuromics.com)