

# Recombinant Rat Bcl2l1 protein, His-tagged

**Cat. No.** Bcl2l1-1242R    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                           |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Rat Bcl2l1 aa. (Ser2~Arg212 (Accession # P53563) fused with N-terminal His tag was produced in E. coli cells. |
| <b>Species</b>          | Rat                                                                                                                       |
| <b>Source</b>           | E.coli                                                                                                                    |
| <b>ProteinLength</b>    | Ser2~Arg212                                                                                                               |
| <b>Description</b>      | Inhibits neuronal apoptosis; may provide neuroprotection against ischemic brain injury.                                   |
| <b>Form</b>             | Freeze-dried powder                                                                                                       |
| <b>Molecular Mass</b>   | 25kDa as determined by SDS-PAGE reducing conditions.                                                                      |
| <b>Endotoxin</b>        | <1.0EU per 1g (determined by the LAL method)                                                                              |
| <b>Purity</b>           | >95%                                                                                                                      |
| <b>Characteristic</b>   | The isoelectric point is 5.1.                                                                                             |
| <b>Applications</b>     | SDS-PAGE; WB; ELISA; IP.                                                                                                  |
| <b>Stability</b>        | The thermal stability is described by the loss rate of the target protein. The loss rate                                  |

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was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

|                       |                                                                                                            |
|-----------------------|------------------------------------------------------------------------------------------------------------|
| <b>Storage</b>        | Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months. |
| <b>Storage buffer</b> | Supplied as liquid form in Phosphate buffered saline(PBS), pH 7.4.                                         |
| <b>Reconstitution</b> | Reconstitute in sterile PBS, pH7.2-pH7.4.                                                                  |

## GENE INFORMATION

|                        |                                                                                                                                                            |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | Bcl2l1 Bcl2-like 1 [ <i>Rattus norvegicus</i> (Norway rat) ]                                                                                               |
| <b>Official Symbol</b> | Bcl2l1                                                                                                                                                     |
| <b>Synonyms</b>        | Bcl2l1; Bcl2-like 1; Bclx; Bcl2l; bcl-X; Bcl-xl; bcl-2-like protein 1; B cell lymphoma 2 like; B cell lymphoma like X; apoptosis regulator Bcl-X; bcl2-L-1 |
| <b>Gene ID</b>         | 24888                                                                                                                                                      |
| <b>mRNA Refseq</b>     | NM_001033670.1                                                                                                                                             |
| <b>Protein Refseq</b>  | NP_001028842.1                                                                                                                                             |
| <b>UniProt ID</b>      | P53563                                                                                                                                                     |

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