

# Recombinant Human BCL2L14 Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** BCL2L14-1604H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                        |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | BCL2L14 MS Standard C13 and N15-labeled recombinant protein (NP_620049) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.                                                                                                                                                                                                                                                                                  |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Description</b>      | The protein encoded by this gene belongs to the BCL2 protein family. BCL2 family members form hetero- or homodimers and act as anti- or pro-apoptotic regulators that are involved in a wide variety of cellular activities. Overexpression of this gene has been shown to induce apoptosis in cells. Three alternatively spliced transcript variants encoding two distinct isoforms have been reported for this gene. |
| <b>Molecular Mass</b>   | 36.6 kDa                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>AA Sequence</b>      | MCSTSGCDLEEIPLDDDDLNTIEFKILAYYTRHHVFKSTPALFSPKLLRTRSLRSQRGL<br>GNCSANESWTEVSWPCRNQSSEKAINLGKKKSSWKAFSGVVEKEDSQSTPAKVS<br>AQQQRTLEYQDSHSQQWSRCLSNVEQCLEHEAVDPKVISIANRVAEIVYSWPPPQA<br>TQAGGFKSKEIFVTEGLSFQLQGHVPVASSSKKDEEEQILAKIVELLKYSGDQLERKL<br>KKDKALMGHFQDGLSYSVFKTITDQVLMGVDPGRGESEVKAQGFKAAALVIDVTAKLTA<br>IDNHPMNRVLGFGTKYLKENFSPWQQHGGWEKILGISHEEVDTRTRPLEQKLISEE<br>DLAANDILDYKDDDDKV                        |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining                                                                                                                                                                                                                                                                                                                                                            |

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|-----------------------|--------------------------------------------------------------------------------------------|
| <b>Stability</b>      | Stable for 3 months from receipt of products under proper storage and handling conditions. |
| <b>Storage</b>        | Store at -80 centigrade. Avoid repeated freeze-thaw cycles.                                |
| <b>Concentration</b>  | 50 µg/mL as determined by BCA                                                              |
| <b>Storage Buffer</b> | 100 mM glycine, 25 mM Tris-HCl, pH 7.3.                                                    |

## GENE INFORMATION

|                        |                                                                                                                                                |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | BCL2L14 BCL2 like 14 [ Homo sapiens (human) ]                                                                                                  |
| <b>Official Symbol</b> | BCL2L14                                                                                                                                        |
| <b>Synonyms</b>        | BCL2L14; BCL2-like 14 (apoptosis facilitator); apoptosis facilitator Bcl-2-like protein 14; BCL G; BCLG; bcl2-L-14; apoptosis regulator BCL-G; |
| <b>Gene ID</b>         | 79370                                                                                                                                          |
| <b>mRNA Refseq</b>     | NM_138723                                                                                                                                      |
| <b>Protein Refseq</b>  | NP_620049                                                                                                                                      |
| <b>MIM</b>             | 606126                                                                                                                                         |
| <b>UniProt ID</b>      | Q9BZR8                                                                                                                                         |

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