

## Recombinant Human CDR2L, GST-tagged

**Cat. No.** CDR2L-11069H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
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| <b>Product Overview</b> | Recombinant Human CDR2L protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.                                                                                                                                                                                                                                                                                                                                                            |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>ProteinLength</b>    | 116-465a.a.                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Description</b>      | The protein encoded by this gene is highly similar to Cdc 37, a cell division cycle control protein of <i>Sacchomyces cerevisiae</i> . This protein is a molecular chaperone with specific function in cell signal transduction. It has been shown to form complex with Hsp90 and a variety of protein kinases including CDK4, CDK6, SRC, RAF-1, MOK, as well as eIF2 alpha kinases. It is thought to play a critical role in directing Hsp90 to its target kinases. |
| <b>Storage</b>          | The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Storage Buffer</b>   | 1M PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8. ) added with 100mM GSH and 1% Triton X-100, 15% glycerol.                                                                                                                                                                                                                                                                                                    |

### GENE INFORMATION

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|------------------|-----------------------------------------------------------------------|
| <b>Gene Name</b> | CDR2L cerebellar degeneration-related protein 2-like [ Homo sapiens ] |
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|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| <b>Official Symbol</b>     | CDR2L                                                                                                                                   |
| <b>Synonyms</b>            | cdr2l; CDR2L_HUMAN; Cerebellar degeneration-related protein 2-like; Gm21; Paraneoplastic 62 kDa antigen; paraneoplastic antigen; HUMPPA |
| <b>Gene ID</b>             | 30850                                                                                                                                   |
| <b>mRNA Refseq</b>         | NM_014603.2                                                                                                                             |
| <b>Protein Refseq</b>      | NP_055418.2                                                                                                                             |
| <b>UniProt ID</b>          | Q86X02                                                                                                                                  |
| <b>Chromosome Location</b> | 17q25.1                                                                                                                                 |

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