

## Recombinant Human CYLC2 Protein, GST-tagged

**Cat. No.** CYLC2-2236H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                     |
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| <b>Product Overview</b> | Human CYLC2 full-length ORF (BAG36151.1, 1 a.a. - 348 a.a.) recombinant protein with GST-tag at N-terminal.                                                                                                                                                                                                                                                                         |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Source</b>           | Wheat Germ                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Description</b>      | Cylicin II (CYCL2) is specifically expressed in testis and is part of the cytoskeletal calyx of mammalian sperm heads. Cylicin II may play a role in the morphogenesis of the sperm head. [provided by RefSeq, Jul 2008]                                                                                                                                                            |
| <b>Molecular Mass</b>   | 64.68 kDa                                                                                                                                                                                                                                                                                                                                                                           |
| <b>AA Sequence</b>      | MSLPRFQRVNFGPYDNYIPVSELSKKSWNQQHFALLFPKPQRPGTKRRSKPSQIRD<br>NTVSIIDEEQLRGDRRQPLWMYRSLMRISERPSVYLAARRQPLKPTRTVEVDSKAAE<br>IGKKGEDKTTQKDTTDSSELKQGKKDSKKGKDIEKGKEEKLDAKKDSKKGKKDAE<br>KGKDSATESEDEKGGAKKDNKKDKKDSNKGKDSATESEGEKGGTEKDSKKGKKDS<br>KKGKDSAIELQAVKADEKKDEDGKKDANKGDESKDAKKDAKEIKKGKKDKKKPSST<br>DSDSKDDVKKESKKDATKDAKKVAKKDTEKESADSKKDAKKNAKKDAKKDAKKNAK<br>KDEKKDAKKKGK |
| <b>Applications</b>     | Enzyme-linked Immunoabsorbent Assay<br>Western Blot (Recombinant protein)<br>Antibody Production<br>Protein Array                                                                                                                                                                                                                                                                   |

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|-------------------------|--------------------------------------------------------------------------------------------------------------------------|
| <b>Notes</b>            | Best use within three months from the date of receipt of this protein.                                                   |
| <b>Storage</b>          | Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.                                                 |
| <b>Storage Buffer</b>   | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.                                                 |
| <b>GENE INFORMATION</b> |                                                                                                                          |
| <b>Gene Name</b>        | CYLC2 cyclin, basic protein of sperm head cytoskeleton 2 [ Homo sapiens ]                                                |
| <b>Official Symbol</b>  | CYLC2                                                                                                                    |
| <b>Synonyms</b>         | CYLC2; cyclin, basic protein of sperm head cytoskeleton 2; cyclin-2; cyclin II; multiple-band polypeptide II; MGC129591; |
| <b>Gene ID</b>          | 1539                                                                                                                     |
| <b>mRNA Refseq</b>      | NM_001340                                                                                                                |
| <b>Protein Refseq</b>   | NP_001331                                                                                                                |
| <b>MIM</b>              | 604035                                                                                                                   |
| <b>UniProt ID</b>       | Q14093                                                                                                                   |

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