

## Recombinant Human CCDC5, GST-tagged

**Cat. No.** CCDC5-10803H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                |
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| <b>Product Overview</b> | Recombinant Human CCDC5 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>    | 1-278a.a.                                                                                                                                                                                                                                                                                                                      |
| <b>Description</b>      | Calcium ions play a primary role in the regulation of sperm motility. This gene belongs to a family of putative cation channels that are specific to spermatozoa and localize to the flagellum. The protein family features a single repeat with six membrane-spanning segments and a predicted calcium-selective pore region. |
| <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

|                        |                                                            |
|------------------------|------------------------------------------------------------|
| <b>Gene Name</b>       | HAUS1 HAUS augmin-like complex, subunit 1 [ Homo sapiens ] |
| <b>Official Symbol</b> | HAUS1                                                      |

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| <b>Synonyms</b>            | HAUS1; HAUS augmin-like complex, subunit 1; CCDC5, coiled coil domain containing 5 (spindle associated); HAUS augmin-like complex subunit 1; FLJ40084; HEI C; HsT1461; enhancer of invasion-cluster; coiled-coil domain-containing protein 5; coiled-coil domain containing 5 (spindle associated); HEIC; CCDC5; HEI-C; FLJ21094; |
| <b>Gene ID</b>             | <a href="#">115106</a>                                                                                                                                                                                                                                                                                                            |
| <b>mRNA Refseq</b>         | <a href="#">NM_138443</a>                                                                                                                                                                                                                                                                                                         |
| <b>Protein Refseq</b>      | <a href="#">NP_612452</a>                                                                                                                                                                                                                                                                                                         |
| <b>MIM</b>                 | <a href="#">608775</a>                                                                                                                                                                                                                                                                                                            |
| <b>UniProt ID</b>          | <a href="#">Q96CS2</a>                                                                                                                                                                                                                                                                                                            |
| <b>Chromosome Location</b> | 18q21.1                                                                                                                                                                                                                                                                                                                           |
| <b>Function</b>            | molecular_function;                                                                                                                                                                                                                                                                                                               |