

## Recombinant Human CLGN, GST-tagged

Cat. No. CLGN-11323H    Lot. No. (See product label)

### SPECIFICATION

|                  |                                                                                                                                                                   |
|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Overview | Recombinant Human CLGN protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.                                                          |
| Species          | Human                                                                                                                                                             |
| Source           | E.coli                                                                                                                                                            |
| ProteinLength    | C-term-300a.a.                                                                                                                                                    |
| Description      | Calmegin is a testis-specific endoplasmic reticulum chaperone protein. CLGN may play a role in spermatogenesis and infertility.                                   |
| Storage          | The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.                                                                         |
| Storage Buffer   | 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

|                 |                                |
|-----------------|--------------------------------|
| Gene Name       | CLGN calmegin [ Homo sapiens ] |
| Official Symbol | CLGN                           |
| Synonyms        | CLGN; calmegin;                |

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|                     |                                                |
|---------------------|------------------------------------------------|
| Gene ID             | 1047                                           |
| mRNA Refseq         | NM_001130675                                   |
| Protein Refseq      | NP_001124147                                   |
| MIM                 | 601858                                         |
| UniProt ID          | O14967                                         |
| Chromosome Location | 4q28.3-q31.1                                   |
| Function            | calcium ion binding; unfolded protein binding; |

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