

## 32-7710: Recombinant Human Calmegin/CLGN (C-6His)

**Gene :** CLGN  
**Gene ID :** 1047  
**Uniprot ID :** O14967

### Description

Source: Human Cells.  
MW :52.9kD.

Recombinant Human Calmegin is produced by our Mammalian expression system and the target gene encoding Glu20-Trp471 is expressed with a 6His tag at the C-terminus. Calmegin (CLGN) is a member of the calreticulin family. Calmegin is a testis-specific endoplasmic reticulum chaperone protein. Calmegin binds calcium ions and interacts with PDILT. Calmegin may play a role in spermatogenesis and infertility.

### Product Info

**Amount :** 10 µg / 50 µg  
**Content :** Lyophilized from a 0.2 µm filtered solution of 20mM PB,150mM NaCl,pH7.4.  
**Storage condition :** Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.  
**Amino Acid :** EFMDDDVETEDFEENSEEIDVNESELSSEIKYKTPQPIGEVYFAETFD SGRLAGWVLSKAKKDDMDEEISIDGR WEIEELKENQVPGDRGLVLSRAKHHAISAVLAKPFIFADKPLIVQYEVNFQDGIDCGGAYIKLLADTDDLILENF YDKTSYIIMFGPDKCGEDYKLFIFRHKHPKTGVFEEKHAKPPDVLKFFTD RKTHTLYTLVMNPDDTFEVLVDQ TVVNKGSLLLEDVVPPIKPPKEIEDPNDKKPEEWDERAKIPDPSAVKPEDWDESEPAQIEDSSVVKPAGWLDDEP KFI PDPNAEKPDDWNEDTDGEWEAPQILNPACRIGCGEWKPPMIDNPKYKGVWRPPLVDNPNYQGIWSPRKIP NPDYFEDDHPFLTSFSALGLELWSMTSDIYFDNFICSEKEVADHWAADGWRWKIMIANANKPGVLKQLMAA AEGHPWVDHHHHHHH

### Application Note

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in ddH<sub>2</sub>O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

**Endotoxin :** Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.