

Recombinant Human CLGN Protein, GST-tagged

Cat. No. CLGN-1475H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CLGN full-length ORF (NP_004353.1, 1 a.a. - 610 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	Calmegin is a testis-specific endoplasmic reticulum chaperone protein. CLGN may play a role in spermatogenesis and infertility. [provided by RefSeq, Jul 2008]
Molecular Mass	96.4 kDa
AA Sequence	MHFQAFWLCLGLLFISINAEFMDDDVETEDFEENSEEIDVNESELSSEIKYKTPQPIG EVYFAETFDSGRLAGWVLSKAKKDDMDEEISIIDGRWEIEELKENQVPGDRGLVLK SRAKHHAISAVLAKPFIFADKPLIVQYEVNFQDIDCGGAYIKLLADTDDLILENFYDKT SYIIMFGPDKCGEDYKLHFIFRHKHPKTGVFEEKHAKPPDVLKKFFTDKTHLYTLV MNPDDTFEVLVDQTVVNKGSLLLEDVVPPIKPPKEIEDPNDKKPEEWDERAKIPDPSA VKPEDWDESEPAQIEDSSVVKPAGWLDDEPKFIPDPNAEKPDDWNEDTDGEWEAP QILNPACRIGCGEWKPPMIDNPKYKGWVRPPLVDNPNYQGIWSPRKIPNPDYFEDD HPFLLTSFSALGLELWSMTSDIYFDNFIICSEKEVADHWAADGWRWKIMIANANKPG VLKQLMAAAEGHPWLWLIYLVTAGVPIALITSFCWPRKVKKKHKDTEYKKTDICIPQT KGVLEQEEKEEKAALKPMDLEEEKKQNDGEMLEKEEESEPEEKSEEEIEIEGQEE SNQSNKSGSEDEMKEADESTGSGDGPIKSVRKRRVRKD
Applications	Enzyme-linked Immunoabsorbent Assay

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Western Blot (Recombinant protein)
Antibody Production
Protein Array

Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

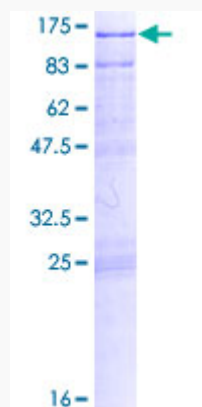
GENE INFORMATION

Gene Name	CLGN calmegin [Homo sapiens]
Official Symbol	CLGN
Synonyms	CLGN; calmegin;
Gene ID	1047
mRNA Refseq	NM_001130675
Protein Refseq	NP_001124147
MIM	601858
UniProt ID	O14967

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Quality Control**Testing:**

12.5% SDS-PAGE Stained with Coomassie Blue.

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