

Recombinant Full Length Human CLGN Protein, GST-tagged

Cat. No. CLGN-2174HF **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	In Vitro Cell Free System
ProteinLength	610 amino acids
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 EVYFAETFD SGRLAGWVLSKAKKDDMDEEISIIDGRWEIEELKENQVPGDRGLVLK SRAKHHAISAVLAKPFIFADKPLIVQYEVNFQD GIDCGGAYIKLLADTDDLILENFYDKT SYIIMFGPDKCGEDYKLHFIFRHKHPKTGVFEEKHAKPPDVLKKFFTDRKTHLYTLV MNPDDTFEVLVDQTVVNKGSLLDVVPIKPPKEIEDPNDKKPEEWDERAKIPDPSA VKPEDWDESEPAQIEDSSVVKPAGWLDDEPKFIPDPNAEKPDDWNEDTDGEWEAP QILNPACRIGCGEWKPPMIDNPKYKGWVRPPLVDNPNYQGIWSPRKIPNPDYFEDD HPFLLTSFSALGLELWSMTSDIYFDNFIICSEKEVADHWAADGWRWKIMIANANKPG VLKQLMAAAEGHPWLWLIYLVTAGVPIALITSFCWPRKVKKKHKDTEYKKTDICIPQT KGVLEQEEKEEKAALKPMDLEEEKKQNDGEMLEKEEESEPEEKSEEEIEIEGQEE SNQSNKSGSEDEMKEADESTGSGDGPIKSVRKRVRKD

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Applications	Enzyme-linked Immunoabsorbent Assay 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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