

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 ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 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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