

Recombinant Human GGN Protein, GST-tagged

Cat. No. GGN-4872H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human GGN full-length ORF (NP_689870.3, 1 a.a. - 652 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This gene is a germ cell-specific gene that encodes proteins that interact with POG (proliferation of germ cells). Alternatively spliced transcript variants of a similar mouse gene encode at least three different proteins, namely gametogenetin protein 1a, gametogenetin protein 2, and gametogenetin protein 3, which show a perinuclear, cytoplasmic, and nucleolar localization, respectively. These proteins regulate the localization of POG and may play a role in spermatogenesis. [provided by RefSeq]
Molecular Mass	93.1 kDa
AA Sequence	MGNLQSEPSAGGGSRKVQPSDRAPDSRRTSLVEPEMTSQAMRLTRGLGVWFPGS ATPPGLMVPREPQASPSTLPLTLERPSPVMPPPEEAAAVSAPPPAPAGTLLPGPSK WQKPAGTPVPRIRRLLEASHRGQGDPPSLRPLKPPPPPRQLSVKDTVPRAPSQFPP PLETWKPPPPLPSERQPADRRITPALATPASPTESQAGPRNQGGQTAGRARGGAP PHAGEGEMAPADSESGLSLLCKITFKSRPSLAPPAASSSLAAKASLGGGGGGGLF AASGAISYAEVLKQGGLPPGAARPLGEVSRGAQEAEGGDGDGEGCSGPPSAPASQ ARALPPPPYTTFPGSKPKFDWVSAPDGPERRHFRFNGAGGGGIGAPRRRAAALSGPW GSPPPPPEQIHSAPGPRRPAPALLAPPTFIFPAPTNGEPMRPGPPGLQELPLPPPT

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

PPPTLQPPALQPTPLPVAPPLTPGLGHKESALAPTAAPALPPALAADQAPAPSPAPA
PTVAEPSPPVSAPAPAAPIKTRTRRNKGSRAARGATRDKGLHGDGPRERATATVP
DSSGGGGGGSGASQTGAANTRAARHWLPFQVLNSCPCKCYCHHQPRHRLPRNV
SAWLSTSTNHLGEPPWVATIKLSGSLVAKLEHYDLQATHSN

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 GGN gametogenetin [Homo sapiens]

Official Symbol GGN

Synonyms GGN; gametogenetin; FLJ35713; MGC33369;

Gene ID 199720

mRNA Refseq NM_152657

Protein Refseq NP_689870

MIM 609966

 Tel: 1-631-559-9269 1-516-512-3133

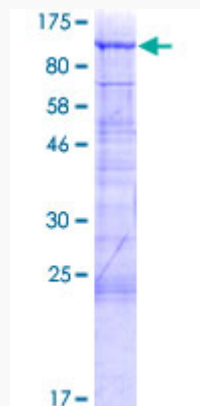
 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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UniProt ID

Q86UU5

Quality Control
Testing



12.5% SDS-PAGE Stained with Coomassie Blue.

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