

## Recombinant Human GGN Protein, GST-tagged

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

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Human GGN full-length ORF ( NP_689870.3, 1 a.a. - 652 a.a.) recombinant protein with GST-tag at N-terminal.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Source</b>           | Wheat Germ                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Description</b>      | 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]                                                                                     |
| <b>Molecular Mass</b>   | 93.1 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>AA Sequence</b>      | <p>           MGNLQSEPSAGGGSRKVQPSDRAPDSRRTSLVEPEMTSQAMRLTRGLGVWFPGS<br/>           ATPPGLMVPREPQASPSTLPLTLERPSPVMPPPEEAAAVSAPPPAPAGTLLPGPSK<br/>           WQKPAGTPVPRIRRLLEASHRGQGDPPSLRPLKPPPPPRQLSVKDTVPRAPSQFPP<br/>           PLETWKPPPPLPSEKQPADRRITPALATPASPTESQAGPRNQGGQTAGRARGGAP<br/>           PHAGEGEMAPADSESGLSLLCKITFKSRPSLAPPAASSSLAAKASLGGGGGGGLF<br/>           AASGAISYAEVLKQGGLPPGAARPLGEVSRGAQEAEGGDGDGEGCSGPPSAPASQ<br/>           ARALPPPPYTTTFPGSKPKFDWVSAPDGPERRHFRFNGAGGGIGAPRRRAAALSGPW<br/>           GSPPPPPEQIHSAPGPRRPAPALLAPPTFIFPAPTNGEPMRPGPPGLQELPLPPPT         </p> |

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PPPTLQPPALQPTPLPVAPPLTPGLGHKESALAPTAAPALPPALAADQAPAPSPAPA  
PTVAEPSPPVSAPAPAAAPIKTRTRRNKGSRAARGATRDKGLHGDGPRERATATVP  
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

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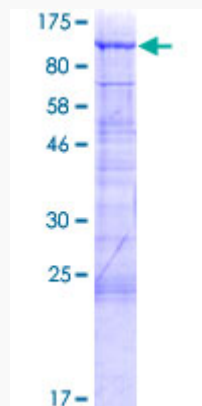
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UniProt ID

Q86UU5

Quality Control  
Testing



12.5% SDS-PAGE Stained with Coomassie Blue.

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