

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	<p>MGNLQSEPSAGGGSRKVQPSDRAPDSRRTSLVEPEMTSQAMRLTRGLGVWFPGS ATPPGLMVPREPQASPSTLPLTLERPSPVMPPPPEEAAAVSAPPPAPAGTLLPGPSK WQKPAGTPVPRIRLLEASHRGQGDPPSLRPLKPPPPRQLSVKDTVPRAPSQFPP PLETWKPPPPLPSERQPADRRITPALATPASPTESQAGPRNQGTAGRARGGAP PHAGEGEMAPADSEGLSLLCKITFKSRPSLAPPAASSSLAAKASLGGGGGGGLF AASGAISYAEVLKQGGLPPGAARPLGEVSRGAQEAEGGDGDGEGCSGPPSAPASQ ARALPPPPYTTFFPGSKPKFDWVSAPDGERHFRFNGAGGGIGAPRRRAAALSGPW GSPPPPPEQIHSAPGPRRPAPALLAPPTFIFPAPTNGEPMRPGPPGLQELPLPPPT</p>

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PPPTLQPPALQPTPLPVAPPLTPGLGHKESALAPTAAPALPPALAADQAPAPSPAPA
 PTVAEPSPPVSAPAPAAAPIKTRTRRNKGSRAARGATRDKDGLHGDGPRERATATVP
 DSSGGGGGGSGASQTGAANTRAARHWLPFQVLNSCPCKCYCHHQPRHRRLPRNV
 SAWLSTSTNHLGEPWVATIKLSGSLVAKLEHYDLQATHSN

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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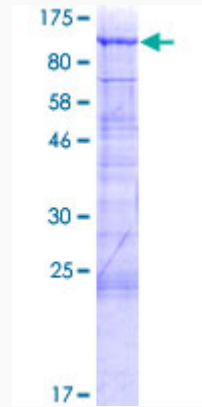
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UniProt ID

Q86UU5

Quality Control
Testing



12.5% SDS-PAGE Stained with Coomassie Blue.

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