

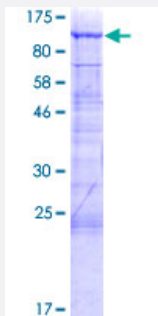
Full-Length

GGN (Human) Recombinant Protein (P01)

Catalog # H00199720-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human GGN full-length ORF (NP_689870.3, 1 a.a. - 652 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MGNLQSEPSAGGGSRKVQPSDRAPDSRRTSLVEPEMTSQAMRLTRGLGVWFPGSATPPGLMV
PREPQASPSTLPLTLERPSPVMPPPEEAAVSAPPPAPAGTLLPGPSKWQKPAGTPVPRIRLL
EASHRGQGDPPSLRPLKPPPPRQLSVKDTVPRAPSQFPPPLETWKPPPPLPSERQPADRRITP
ALATPASPTESQAGPRNQGGQTAGRARGGAPPHAGEGEMAPADSESGLSLLCKITFKSRPSL
APPAASSSLAAKASLGGGGGGGLFAASGAISYAEVLKQGGLPPGAARPLGEVSRGAQEAEGGD
GDGEGCSGPPSAPASQARALPPPPYTTFFGSKPKFDWVSAPDGERHFRFNGAGGGIGAPRR
RAAALSGPWGSPPPPPEQIHSAPGPRRPAPALLAPPTFIFPAPTNGEPMRPGPPGLQELPPLPP
PTPPPTLQPPALQPTPLPVAPPLTPGLGHKESALAPTAAPALPPALAADQAPAPSPAPAPTVAE
PSPPVSAAPAAAAPIKTRTRRNKGSRAARGATRKDGLHGDGPRERATATVPDSSGGGGGGSGA
SQTGAANTRAARHWLPFQVLNSCPCKCYCHHQPRHRLPRNVSAWLSTSTNHLGEPPWVATIKL
SGSLVAKLEHYDLQATHSN

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

93.1

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — GGN

Entrez GeneID	199720
GeneBank Accession#	NM_152657.3
Protein Accession#	NP_689870.3
Gene Name	GGN
Gene Alias	FLJ35713, MGC33369
Gene Description	gametogenetin
Omim ID	609966
Gene Ontology	Hyperlink
Gene Summary	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]
Other Designations	-