

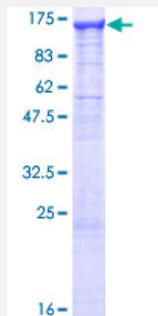
Full-Length

GANAB (Human) Recombinant Protein (P01)

Catalog # H00023193-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human GANAB full-length ORF (NP_938148.1, 1 a.a. - 944 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MAVAAVAARRRRSWASLVLAFLGVCLGITLAVDRSNFKTCEESSFCKRQRSIRPGLSPYRALLD
SLQLGPDSLTVHLIHEVTKVLLVLELQGLQKNMTRFRIDELEPRRPRYRVPDVLVADPPARLSVSG
RDENSVELTMAEGPYKIL TARPFRDLLEDRLLSVNARGLLEFEHQRAPRVSQGSKDPAEGD
GAQPEETPRDGDKEETQGKAEKDEPGAWEETFKTHSDSKPYGPMSVGLDFSLPGMEHVYGIPI
EHADNLRCLKVTEGGEPYRLYNLDVFQYELYNPMALYGSVPVLLAHNPHRDLGIFWLNAAEETWVDI
SSNTAGKTLFGKMMDYLQGSGETPQTDVRRWMSSETGIIDVFLLLGPSISDVFRQYASLTGTQALPPL
FSLGYHQSRWNYRDEADVLEVDQGFDDHNLPCDVWLDIEHADGKRYFTWDPSRFPQPRTMLE
RLASKRRKLVAVDPHIKVDSGYRVHEELRNGLYVKTRDGS DYEGWCWPGSAGYPDFTNPTMR
AWWANMFSYDNYEGSAPNLFVWDMNEPSVFNGPEVTMLKDAQHYGGWEHRDVHNIYGLYVH
MATADGLRQRSGGMERPFVLARAFFAGSQRF GAVWTGDNTAEWDHLKISIPMCLSLGLVGLSFC
GADVGGFFKNPEPELLVRWYQMGAYQPFFRAHAHLDTGRREPWLLPSQHNDIIRDALGQRYSL
PFWYTLTYQAHREGIPVMRPLWVQYPQDVTTFNIDDQYLLGDALLVHPVSDSGAHGVQVYLPQGQ
EVWYDIQSYQKHGHPQTL YLPVTLSSIPVFQRRGTIVPRWMRVRRSSECMKDDPITLFVALSPQGT
AQGELFLDDGHTFNYQTRQEFLRRFSFGNTLVSSSADPEGHFETPIWIERVVIIGAGKPAAVVL
QTKGSPE SRLSFQHDPE TSVLVLRKPGINVASDWSIHLR

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

133.3

Interspecies Antigen Sequence

Mouse (89); Rat (91)

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 — GANAB

Entrez GeneID[23193](#)**GeneBank Accession#**[NM_198334.1](#)**Protein Accession#**[NP_938148.1](#)**Gene Name**

GANAB

Gene Alias

G2AN, Glul, KIAA0088

Gene Description

glucosidase, alpha; neutral AB

Omim ID[104160](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

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Other Designations

alpha glucosidase II alpha subunit|neutral alpha-glucosidase AB

Pathway

- [Metabolic pathways](#)
- [N-Glycan biosynthesis](#)