

Glucosidase Alpha, Neutral AB Active Protein | GaNAB active protein

Active Glucosidase Alpha, Neutral AB (GaNAB)

CATALOG #
AAA150131

APPLICATIONS
Activity Assay, Cell Culture

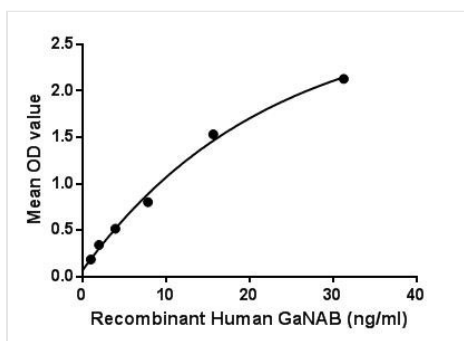
PRODUCT SYNONYMS

Glucosidase Alpha; Neutral AB; Active Glucosidase Alpha; Neutral AB (GaNAB); GlulI; G2AN; Alpha-glucosidase 2; Glucosidase II subunit alpha; GaNAB active protein

PRODUCT SPECIFICATIONS

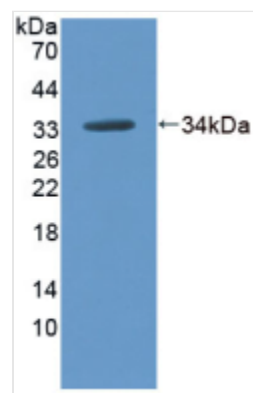
Purity/Purification	>90%
Form/Format	Freeze-dried powder 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Sequence Positions	Leu679~Arg944
Sequence Length	944
Applicable Applications for GaNAB active protein	Activity Assay, Cell Culture
Species	Human
Tag	N-terminal His Tag
Subcellular Location	Endoplasmic Reticulum, Melanosome, Golgi Apparatus
Isoelectric Point	6.2
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Avoid repeated freeze/thaw cycles. Stability: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES



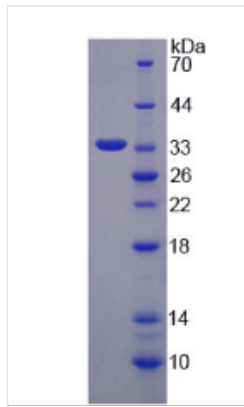
Bioactivity

Figure. The binding activity of GaNAB with MYC



WB (Western Blot)

Figure. Western Blot



SDS-PAGE
Figure. SDS-PAGE

ADDITIONAL INFORMATION

Product Categories/Family for GANAB active protein	Enzyme & Kinase
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NCBI AND UNIPROT INFORMATION

NCBI GI #	38202257
NCBI GeneID	23193
NCBI Accession #	NP_938148
NCBI GenBank Nucleotide #	NP_938148.1
UniProt Accession #	Q14697
Molecular Weight	Predicted Molecular Mass: 33.9kDa Accurate Molecular Mass: 34kDa
NCBI Official Full Name	neutral alpha-glucosidase AB isoform 2
NCBI Official Synonym Full Names	glucosidase II alpha subunit
NCBI Official Symbol	GANAB
NCBI Official Synonym Symbols	G2AN; GIIA; PKD3; GLUII
NCBI Protein Information	neutral alpha-glucosidase AB
UniProt Protein Name	Neutral alpha-glucosidase AB
UniProt Gene Name	GANAB
UniProt Synonym Gene Names	G2AN; KIAA0088
UniProt Entry Name	GANAB_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/ganab-active-protein/glucosidase-alpha-neutral-ab/150131>