

Recombinant Mouse Ganab Protein, Myc/DDK-tagged

Cat. No. Ganab-3148M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length alpha glucosidase 2 alpha neutral subunit (Ganab), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Catalytic subunit of glucosidase II that cleaves sequentially the 2 innermost alpha-1,3-linked glucose residues from the Glc2Man9GlcNAc2 oligosaccharide precursor of immature glycoproteins. Required for PKD1/Polycystin-1 and PKD2/Polycystin-2 maturation and localization to the cell surface and cilia.
Molecular Mass	109.9 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Ganab alpha glucosidase 2 alpha neutral subunit [Mus musculus (house mouse)]
Official Symbol	Ganab
Synonyms	GANAB; alpha glucosidase 2 alpha neutral subunit; neutral alpha-glucosidase AB; alpha-glucosidase 2; glucosidase II alpha-subunit; glucosidase II subunit alpha; carbohydrate processing enzyme of the endoplasmic reticulum; G2an; Glull; AU042638; mKIAA0088; MGC144011; MGC144012
Gene ID	14376
mRNA Refseq	NM_008060
Protein Refseq	NP_032086
UniProt ID	Q8BHN3

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