

**RPD188Mu01 100µg**  
**Recombinant Glucosidase Alpha, Neutral AB (GaNAB)**  
**Organism Species: *Mus musculus* (Mouse)**  
***Instruction manual***

FOR RESEARCH USE ONLY  
NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

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13th Edition (Revised in Aug, 2023)

**[ PROPERTIES ]**

**Source:** Prokaryotic expression

**Host:** *E.coli*

**Residues:** Trp615~Arg944

**Tags:** N-terminal His Tag

**Subcellular Location:** Golgi apparatus, Endoplasmic reticulum lumen, Endosome

**Purity:** > 90%

**Traits:** Freeze-dried powder

**Buffer formulation:** PBS, pH7.4, containing 0.01% SKL, 5% Trehalose .

**Original Concentration:** 200µg/mL

**Applications:** Positive Control; Immunogen; SDS-PAGE; WB.

(May be suitable for use in other assays to be determined by the end user.)

**Predicted isoelectric point:** 6.1

**Predicted Molecular Mass:** 41.2kDa

**Accurate Molecular Mass:** 41kDa as determined by SDS-PAGE reducing conditions.

**[ USAGE ]**

Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

**[ STORAGE AND STABILITY ]**

**Storage:** Avoid repeated freeze/thaw cycles.

Store at 2-8°C for one month.

Aliquot and store at -80°C for 12 months.

**Stability Test:** 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°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.

**[ SEQUENCE ]**

WTGDNT AEWDLKISI PMCLSLALVG LSFCCADVGG  
FFKNPEPELL VRWYQMGAYQ PFFRAHAHLD TGRREPWLLA SQYQDAIRDA  
LFQRYSLLPF WYTLFYQAHK EGFPVMRPLW VQYPEDMSTF SIEDQFMLGD  
ALLIHPVSDA GAHGVQVYLP GQEEVWYDIQ SYQKHHGPQT LYLPVTLSSI  
PVFQRGGTIV PRWMRVRSS DCMKDDPITL FVALSPQCTA QGELFLDDGH  
TFNYQTRHEF LLRRFSFSGS TLVSSADPK GHLETPIWIE RVVIMGACKP  
AAVVLQTKGS PESRSLFQHD PETSVLILRK PGVSVASDWS IHLR

**[ IDENTIFICATION ]**

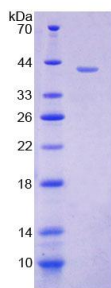


Figure. SDS-PAGE

**[ IMPORTANT NOTE ]**

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.