RPC511Mu01 10µg

Recombinant Glucocerebrosidase (GBA)

Organism Species: *Mus musculus (Mouse)*

Instruction manual

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

12th Edition (Revised in Aug, 2016)

[PROPERTIES]

Source: Prokaryotic expression

Host: *E.coli*

Residues: Pro255~Thr509

Tags: N-terminal His and GST Tag

Subcellular Location: Membrane

Purity: > 90%

Traits: Freeze-dried powder

Buffer formulation: 20mM Tris, 150mM NaCl, pH8.0, 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: 5.9

Predicted Molecular Mass: 58.5kDa

Accurate Molecular Mass: 58kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8⁰C for one month.

Aliquot and store at -80⁰C 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]

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       PTAGLF  TGYPFQCLGF  TPEHQRDFIS  RDLGPALANS  SHDVKLLMLD
 DQRLLLPRWA  EVVLSDPEAA  KYVHGIAVHW  YMDFLAPAKA  TLGETHRLFP
 NTMLFASEAC  VGSKFWEQSV  RLGSWDRGMQ  YSHSIITNLL  YHVTGWTDWN
 LALNPEGGPN  WVRNFVDSPI  IVDIPKDAFY  KQPMFYHLGH  FSKFIPEGSQ
 RVALVASEST  DLETVALLRP  DGSAVVVVLN  RSSEDVPLTI  SDPDLGFLET
 VSPGYSIHT
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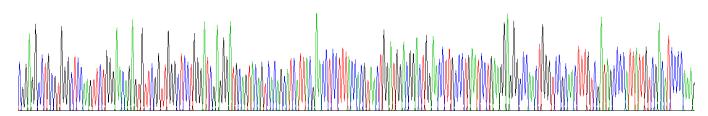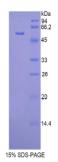
[IDENTIFICATION]

Figure . Gene Sequencing (extract)

[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.