

Recombinant Glucocerebrosidase (GBA) Instruction Manual

SIPC437Ra01

Rattus norvegicus (Rat)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Secreted
Predicted Molecular Mass	59.1kDa
Accurate Molecular Mass	59kDa(Analysis of differences refer to the manual)
Residues & Tags	Ala248~His508 with N-terminal His and GST Tag
Buffer Formulation	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.
Traits	Freeze-dried powder
Purity	> 90%
Isoelectric Point	6.0
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

AVT
AENEPSAGLF TGYPFQCLGF TAEHQDFIS HDLGPALANS SHDVKLLILD
DQRLLLPRWA QVVLSDPEAA KYVHGIAVHW YMDFLAPAKA TLGETHRLFP
NMMLFASEAC VGSKFWEQSV RLGSWDRGMQ YSHSIITNLL YHVTGWDWN
LALNPEGGPN WVRNFVDSPI IVDIPKDTFY KQPMFYHLGH FSKFIPEGSQ
RVGLVASEKT DLETVALIRP DGSVVVVLN RSSKDVPLTI SDPALGMET
ISPGYSIH

USAGE

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

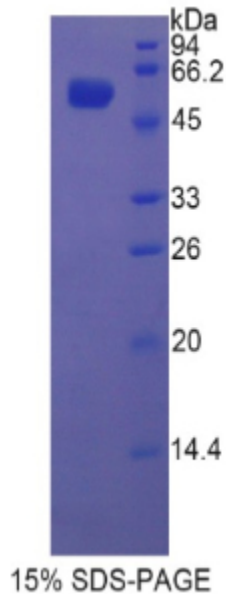
STORAGE

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

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°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.

Image



SDS-PAGE Image

[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.