

RPC511Hu03 10µg

Recombinant Glucocerebrosidase (GBA)

Organism Species: Homo sapiens (Human)

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: Ala40~Gln536

Tags: N-terminal His Tag

Subcellular Location: Lysosome

Purity: > 90%

Traits: Freeze-dried powder

Buffer formulation: 20mM Tris, 150mM NaCl, pH8.0, containing 0.01% SKL, 5% Trehalose.

Original Concentration: 400µg/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: 7.7

Predicted Molecular Mass: 59.3kDa

Accurate Molecular Mass: 59kDa 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 2-8°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]

			Α	RPCIPKSFGY
SSVVCVCNAT	YCDSFDPPTF	PALGTESRYE	STRSGRRMEL	SMGPIQANHT
GTGLLLTLQP	EQKFQKVKGF	GGAMTDAAAL	NILALSPPAQ	NLLLKSYFSE
EGIGYNIIRV	PMASCDFSIR	TYTYADTPDD	FQLHNFSLPE	EDTKLKIPLI
HRALQLAQRP	VSLLASPWTS	PTWLKTNGAV	NGKGSLKGQP	GDIYHQTWAR
YFVKFLDAYA	EHKLQFWAVT	AENEPSAGLL	SGYPFQCLGF	TPEHQRDFIA
RDLGPTLANS	THHNVRLLML	DDQRLLLPHW	AKVVLTDPEA	AKYVHGIAVH
WYLDFLAPAK	ATLGETHRLF	PNTMLFASEA	CVGSKFWEQS	VRLGSWDRGM
QYSHSIITNL	LYHVVGWTDW	NLALNPEGGP	NWVRNFVDSP	IIVDITKDTF
YKQPMFYHLG	HFSKFIPEGS	QRVGLVASQK	NDLDAVALMH	PDGSAVVVVL
NRSSKDVPLT	IKDPAVGFLE	TISPGYSIHT	YLWRRQ	

[IDENTIFICATION]

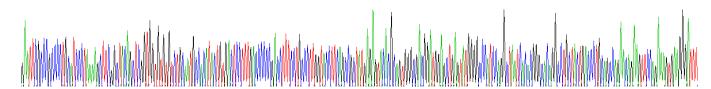


Figure . Gene Sequencing (extract)

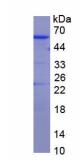


Figure. SDS-PAGE

[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.