

RPPB1677

Product Information Protein Information

Product SKU:

RPPB1677

Accession:

P04062

Host:

Sf9, Baculovirus cells.

Protein description:

GBA produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 503 amino acids (40-536a.a.) and having a molecular mass of 56.4kDa (Molecular size on SDS-PAGE will appear at approximately 50-70kDa). GBA is expressed with a 6 amino acid His tag at C-Terminus and purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

Glucosidase, Beta, Acid, D-Glucosyl-N-Acylsphingosine Glucohydrolase, Beta-Glucocerebrosidase, Acid Beta-Glucosidase, Glucosylceramidase, Alglucerase, EC 3.2.1.45, Beta-GC, GLUC, Glucosidase, Beta; Acid (Includes Glucosylceramidase), Glucosylceramidase-Like Protein, Lysosomal Glucocerebrosidase, GBA1, GCB, GC, Glucosylceramidase.

Formulation:

GBA protein solution (0.5mg/ml) contains Phosphate Buffered Saline (pH7.4) and 10% glycerol.

Purity:

Greater than 80% as determined by SDS-PAGE.

Stability:

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Amino Acid Sequence:

ARPCIPKSFSG YSSVVCVCNA TYCDSFDPPPT FPALGTFSRY ESTRSGRRME LSMGPIQANH TGTGLLLTLQ
PEQKFQKVKG FGGAMTDAAA LNILALSPPA QNLLLSYFS EEGIGYNIIR VPMASCDFSI RTYTYADTPD
DFQLHNFSLP EEDTKLKIPL IHRALQLAQR PVSLLASPWT SPTWLKTNGA VNGKGSCLKGQ PGDIYHQTWA
RYFVKFLDAY AEHKLQFWAV TAENEPSAGL LSGYPFQCLG FTPEHQRFDI ARDLGPTLAN STHHNVRLLM
LDDQRLLPH WAKVVLTDPE AAKYVHGIAV HWYLDLFLAPA KATLGETHRL FPNTMLFASE ACVGSKFWEQ
SVRLGSWDRG MQYSHSIITN LLYHVVGWTD WNLALNPEGG PNWVRNFVDS PIIVDITKDT FYKQPMFYHL
GHFSKFIPEG SQRVGLVASQ KNLDLDAVALM HPDGSVVVV LNRSSKDVPL TIKDPAVGFL ETISPGYSIH
TYLWRRQH HHH.