

RPPB1678

Product Information Protein Information

Product SKU:

RPPB1678

Accession:

Q9H227

Host:

E.coli.

Protein description:

GBA3 produced in E.Coli is a single, non-glycosylated polypeptide chain containing 492 amino acids (1-469 a.a.) and having a molecular mass of 56.1kDa. GBA3 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

Cytosolic beta-glucosidase, Cytosolic beta-glucosidase-like protein 1, GBA3, CBG, CBGL1, Glucosidase Beta Acid 3, GH1, Glycoside Hydrolase Family 1, GLUC, KLRP.

Formulation:

GBA3 protein solution (0.25mg/ml) containing Phosphate Buffered Saline (pH7.4), 20% glycerol and 1mM DTT.

Purity:

Greater than 85% 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:

MGSSHHHHHH SSGLVPRGSH MGSMAFPAGF GWAAATAAYQ VEGGWDADGK GPCVWDTFTH
QGGERVFNQ TGDVACGSYT LWEEDLKCIK QLGLTHYRFS LSWSRLLPDG TTGFNQKGI DYYNKIIDL
LKNQVPIVT LYHFDLPQTL EDQGGWLSEA IESFDKYAQ FCFSTFGDRV KQWITINEAN VLSVMSYDLG
MFPPGIPHFG TGGYQAAHNL IKAHARSWHS YDSLFRKKQK GMVSLSLFAV WLEPADPNSV SDQEAAKRAI
TFHLDLFAKP IFIDGDYPEV VKSQIASMSQ KQGYPSSRLP EFTEEEKMI KGTADFFAVQ YTTTRLIKYQ
ENKKGELGIL QDAEIEFFPD PSWKNVDWIY VVPWGVCKLL KYIKDTYNNP VIYITENGFQ QSDPAPLDDT
QRWEYFRQTF QELFKAIQLD KVNQLQVYCAW SLLDNFEWNQ GYSSRFGLFH VDFEDPARPR VPYTAKEYA
KIIRNNGLEA HL.