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32-2351: GBA3 Recombinant Protein

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

Description

Source : E.coli. 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. Glucosidase Beta Acid 3, also known as GBA3, hydrolyzes various types of glycosides. GBA3 takes part in a nonlysosomal catabolic pathway of glycosylceramide. GBA3 is a protein coding gene which acts as beta-glycosylceramidase.

Product Info

Amount :	20 µg
Purification :	Greater than 85% as determined by SDS-PAGE.
Content :	GBA3 protein solution (0.25mg/ml) containing Phosphate Buffered Saline (pH7.4), 20% glycerol and 1mM DTT.
Storage condition :	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 :	MGSSHHHHHH SSGLVPRGSH MGSMAFPAGF GWAAATAAYQ VEGGWDADGK GPCVWDTFTH QGGERVFKNQ TGDVACGSYT LWEEDLKCIK QLGLTHYRFS LSWSRLLPDG TTGFINQKGI DYYNKIIDDL LKNGVTPIVT LYHFDLPQTL EDQGGWLSEA IIESFDKYAQ FCFSTFGDRV KQWITINEAN VLSVMSYDLG MFPPGIPHFG TGGYQAAHNL IKAHARSWHS YDSLFRKKQK GMVSLSLFAV WLEPADPNSV SDQEAAKRAI TFHLDLFAKP IFIDGDYPEV VKSQIASMSQ KQGYPSSRLP EFTEEEKKMI KGTADFFAVQ YYTTRLIKYQ ENKKGELGIL QDAEIEFFPD PSWKNVDWIY VVPWGVCKLL KYIKDTYNNP VIYITENGFP QSDPAPLDDT QRWEYFRQTF QELFKAIQLD KVNLQVYCAW SLLDNFEWNQ GYSSRFGLFH VDFEDPARPR VPYTSAKEYA KIIRNNGLEA HL.

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