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GBA, 40-536aa, Human, His tag, Insect cell

产品货号: TP02204

第三版

别名:GBA1, GCB, GLUC

**描述:**GBA, also known as glucosylceramidase isoform 1, is a lysosomal enzyme that presumably requires a signal peptide for transport across the membrane of the rough endoplasmic reticulum and glycosylation for transport into lysosomes. Gaucher disease is due to a deficiency in the activity of the enzyme glucocerebrosidase. Recombinant human GBA, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

**配方:**Liquid. In Phosphate Buffered Saline (pH7.4) containing 10% glycerol.

**分子量:**56.4kDa (503aa) 50-70kDa (SDS-PAGE under reducing conditions)

**序列:**

ARPCIPKSFSGYSSVVCVGNATYCDSDPPTFPALGTFSTRYESTRSGRRMELSMGPIQANHTGTGLLLLTLQPEQKFQKVKGF  
GAMTDAAALNILALSPPAQNLLLKSYFSEEGIGYNIIRVPMASCDFSIRTYTYADTPDDFQLHNFSLPEEDTKLKIPLIHRALQ  
LAQRPVSLASPWTSPTWLKTNGAVNGKGS�KQPGDIYHQTWARYFVKFLDAYAEHKLQFWAVTAENEPSAGLLSGYP  
FQCLGFTPEHQRDFIARDLGPTLANSTHHNVRLMLDDQRLLPHWAKVVLTDPEAAKYVHGIAVHWYLDLFLAPAKAT  
LGETHRLFPNTMLFASEACVGSKFWEQSVRLGSDRGMQYSHSIITNLLYHVVGWTDWNLALNPEGGPNWVRNFVDSP  
IIVDITKDTFYKQPMFYHLGHFSKFIPEGSQRVGLVASQKNDLDAVALMHPDGSVVVVLNRSSKDVPLTIKDPVAVGFLET  
ISPGYSIHTYLWRRQHSHHHHHH

**纯度:**> 95% by HPLC

**浓度:**0.5 mg/ml (determined by absorbance at 280nm)

**内毒素:**<1.0 EU per 1 ug of protein (determined by LAL method)

**存储:**+4 ° C 保存 (1-2 周). 长期保存在-20 ° C或者-70 ° C. 避免反复冻融.