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GBA3, 1-469aa, Human, His tag, E.coli

产品货号: TP02205

第三版

别名:Cytosolic beta-glucosidase, CBG, CBGL1, GLUC, KLRP

描述:GBA3 is an enzyme that can hydrolyze several types of glycosides. Some individuals, as represented by the reference genome allele, contain a single nucleotide polymorphism that results in a premature stop codon in the coding region, and therefore this allele is pseudogenic due to the failure to produce a functional full-length protein. Recombinant human GBA3 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

配方:Liquid. In 1X Phosphate Buffered Saline (pH7.4) containing 20% glycerol, 1mM DTT

分子量:56.1 kDa (492aa)

序列:

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MGSSHHHHHHSSGLVPRGSHMGSMAFPAGFGWAAATAAYQVEGGWDADGKGPCVWDTFTTHQGGERVFKNQTDGV
ACGSYTLWEEDLKCIKQLGLTHYRFSLWSRLLPDGTTGFINQKIDYYNKIIDDLLKNGVTPIVTLYHFDLPQTLEDQGG
WLSEAIIESFDKYAQFCFSTFGDRVKQWITINEANVLSVMSYDLGMFPPGIPHFGTGGYQAAHNLIAHARSWHSYDSLFR
KKQKGMVLSLFAVWLEPADPNSVSDQEAAKRAITFHLDLFAKPIFIDGDYPEVVKSQIASMSQKQGYSSRLPEFTSEEEK
MIKGTADFFAVQYYTTRLIKYQENKKGELGILQDAEIEFFPDPSWKNVDWIYVVPWGVCKLLKYIKDTYNNPVIYITENGF
PQSDPAPLDDTQRWEYFRQTFQELFKAIQLDKVNLQVYCAWSLLDNFEWNQGYSSRFGLFHVDFEDPARPRVPYSAKEY
AKIIRNNGLEAHL
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纯度:> 95% by HPLC

浓度:0.25 mg/ml (determined by Bradford assay)

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.