

本公司提供的电子版说明书仅供参考，实验请以收到的纸质手册为准。

GUSB, 23-651aa, Human, His-tag, Baculovirus (Bioactivity Validated)

产品货号: TP02378

第三版

别名: Beta-glucuronidase isoform 1, GUSB, BG, MPS7

描述: GUSB, also known as beta-glucuronidase isoform 1, is a lysosomal hydrolase involved in the stepwise degradation of glucuronic acid-containing glycosaminoglycans. It includes heparin sulfate, chondroitin sulfate and hyaluronan. Mutations in the GUSB are linked to mucopolysaccharidosis type VII. GUSB plays an important role in the degradation of dermatan and keratin sulfates. Recombinant human GUSB, 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 (pH 7.4) containing 10% glycerol.

分子量: 73.4kDa (635aa), 70-100kDa (SDS-PAGE under reducing conditions.)

序列:

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LQGGMLYPQESPSRECKELDGLWSFRADFSNRRRGFEEQWYRRPLWESGPTVDMVPVSSFNDISQDWRLRHVFGWVW  
YEREVILPERWTQDLRTRVVLRIGSAHSYAIVWVNGVDLEHEGGYLPFEADISNLVQVGPLPSRLRITIAINNTLTPTTLPP  
GTIQYLTDTSKYPKGYFVQNTYFDFNYAGLQRSVLLYTTPTTYIDDITVTTSVEQDSGLVNYQISVKGSNLFKLEVRLLDAE  
NKVVANGTGTQGGQLKVPVSLWVWVPLMHERPAYLSLEVQLTAQTSGLPVSDFYTLVPGIRTVAVTKSQFLINGKPFYFH  
GVNKHEDADIRGKGFDPVLLVKDFNLLRWLGANAFRTSHYPYAEVMMQCDRYGIVVIDECPGVGLALPQFFNNVSLH  
HHMQVMEEVVRDKNHPAVVMWSVANEPASHLESAGYYLKMVIAHTKSLDPSRPVTFVSNNSNYAADKGAPYVDVICL  
NSYYSWYHDYGHLELIQLQLATQFENWYKQKPIIQSEYGAETIAGFHQDPPLMFTEEYQKSLEQYHLGLDQKRRKYV  
VGELIWNFADFMTEQSPTRVLGNKKGIFTRQRQPKSAFLLRERYWKIANETRYPHSVAKSQCLENSLFTHHHHHH
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纯度: > 95% by HPLC

浓度: 0.25mg/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.