

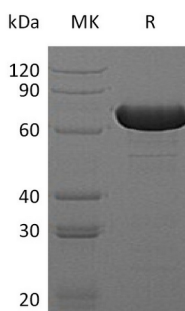
Product Name: Recombinant E.coli GUSB (N-6His)
Catalog #: PEV0150



概述 (Summary)

英文全称	Beta-Glucuronidase/Uida/Beta-Gus
纯度 (Purity)	Greater than 95% as determined by reducing SDS-PAGE
内毒素 (Endotoxin level)	<1 EU/μg as determined by LAL test.
蛋白构建 (Construction)	Recombinant E.coli Beta-Glucuronidase is produced by our E.coli expression system and the target gene encoding Met1-Gln603 is expressed with a 6His tag at the N-terminus.
Accession #	P05804
蛋白标签 (Tag)	
表达宿主 (Host)	E.coli
种属 (Species)	E.coli
预测分子量 (Predicted MW)	69.9 KDa
蛋白形态 (Form)	Supplied as a 0.2 μm filtered solution of 20mM Hepes-NaOH, 12% Trehalose, 4% Mannitol, 0.05% Tween80, pH 8.0.
储存缓冲液 (Buffer)	
运输方式 (Shipping)	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
稳定性&储存 (Stability &Storage)	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
复溶 (Reconstitution)	

电泳图 (SDS-PAGE image)



背景 (Background)

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分子别名 (Alternative Names)

Beta-glucuronidase;uidA;GUS

背景介绍 (References)

Beta-D-glucuronidase from E.coli is a highly specific enzyme in hydrolyzing glucuronides. Beta-D-glucuronidase (GLUase) activity can be measured as the rate of production of fluorescent methylumbelliferone (MU), resulting from the hydrolysis of the substrate 4-methylumbelliferyl- β -D-glucuronide (MUGLU), which is an effective and rapid method for detection and verification of E. coli in food, water, and environmental samples. High purity recombinant beta-Glucuronidase is used in research, biochemical enzyme assays and in vitro diagnostic analysis, detecting a wide range of drugs such as opioids, benzodiazepines, steroids, cannabinoids, and others.

注意事项 (Note)

For Research Use Only , Not for Diagnostic Use.