

Product datasheet for **TP727136**

uidA Escherichia coli Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant E.coli GUSB/Beta-Glucuronidase(N-His)
Species:	Escherichia coli
Expression cDNA Clone or AA Sequence:	Met1-Gln603
Tag:	N-His
Buffer:	Supplied as a 0.2 um filtered solution of PBS, pH 7.4.
Note:	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.
Stability:	12 months from date of despatch
Locus ID:	946149
UniProt ID:	P05804
Summary:	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- ¹² -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.



[View online »](#)