



Recombinant Escherichia coli Beta-glucuronidase (uidA)

Product Code	CSB-MP010064ENV
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P05804
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli (strain K12)
Purity	>85% (SDS-PAGE)
Sequence	MLRPVETPTR EIKKLDGLWA FSLDRENGCI DQRWWESALQ ESRAIAVPGS FNDQFADADI RNYAGNVWYQ REVFIPKGWA GQRIVLRFDA VTHYGKVVVN NQEVMHQGG YTPFEADVTP YVIAGKSVRI TVCVNNELNW QTIPPGMVIS DENGKKKQSY FHDFFNAYAGI HRSVMLYTTT NTWVDDITVV THVAQDCNHA SVDWQVVANG DVSVELRDAD QQVVATGQGT SGTLQVVNPH LWQPGEGYLY ELCVTAKSQT ECDIYPLRVG IRSAVKGEQ FLINHKPFYF TGFRHEDAD LRGKGFNDVL MVHDHALMDW IGANSYRTSH YPYAEEMLDW ADEHGIVVID ETAAVGFNLS LGIGFEAGNK PKELYSEEAV NGETQQAHLQ AIKELIARDK NHPSVVMWSI ANEPDTRPQG AREYFAPLAE ATRKLDPTRP ITCVNVMFCD AHTDTISDLF DVLCLNRYYG WYVQSGDLET AEKVLEKELL AWQEKLHQPI IITEYGVDTL AGLHSMYTDW WSEEYQCAWL DMYHRVFDRV SAVVGEQVWN FADFATSQGI LRVGGNKKGI FTRDRKPKSA AFLQKRWTG MNFGEKPQQG GKQ
Source	Mammalian cell
Target Names	uidA
Protein Names	Recommended name: Beta-glucuronidase Short name= GUS EC= 3.2.1.31 Alternative name(s): Beta-D-glucuronoside glucuronosohydrolase
Expression Region	1-603
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.