



# Recombinant Escherichia coli Beta-glucuronidase (uidA)

<b>Product Code</b>	CSB-EP010064ENV
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	P05804
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Escherichia coli (strain K12)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MLRPVETPTR EIKKLDGLWA FSLDRENGCI DQRWWESALQ ESRAIAVPGS FNDQFADADI RNYAGNVWYQ REVFIPKGWA GQRIVLRFDA VTHYGKVVVN NQEVMHQGG YTPFEADVTP YVIAGKSVRI TVCVNNELNW QTIPPGMUIT 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
<b>Source</b>	E.coli
<b>Target Names</b>	uidA
<b>Protein Names</b>	Recommended name: Beta-glucuronidase Short name= GUS EC= 3.2.1.31 Alternative name(s): Beta-D-glucuronoside glucuronosohydrolase
<b>Expression Region</b>	1-603
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Reconstitution</b>	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.
<b>Shelf Life</b>	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.