



Recombinant Arabidopsis thaliana Glutathione S-transferase U5 (GSTU5)

Product Code	CSB-EP343577DOA-B
Storage	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.
Uniprot No.	P46421
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	>85% (SDS-PAGE)
Sequence	MAEKKEVKLL GIWASPFSSRR VEMALKLKG I PYEYVEEILE NKSPLLLALN PIHKKVPVLV HNGKTILESH VILEYIDETW PQNPILPQDP YERSKARFFA KLVDEQIMNV GFISMARADE KGREVLAEQV RELIMYLEKE LVGKDYFGGK TVGFLDFVAG SLIPFCLERG WEGIGLEVIT EEKFPEFKRW VRNLEKVEIV KDCVPPREEH VEHMNYMAER VRSS
Source	E.coli
Target Names	GSTU5
Protein Names	Recommended name: Glutathione S-transferase U5 Short name= AtGSTU5 EC= 2.5.1.18 Alternative name(s): AtGSTU1 GST class-tau member 5 Glutathione S-transferase 103-1A
Expression Region	1-224
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.