



# Recombinant Arabidopsis thaliana Glutathione S-transferase U14 (GSTU14)

<b>Product Code</b>	CSB-EP867017DOA
<b>Abbreviation</b>	GSTU14
<b>Storage</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.
<b>Uniprot No.</b>	Q9FUT1
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Arabidopsis thaliana (Mouse-ear cress)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MAQNDTVKLI GCSDDPFSIR PRVALHLKSI KYEYLEEPDD DLGEKSQLLL KSNPIHKKTP VLIHGDLAIC ESLNIVQYLD EAWPSDPSIL PSNAYDRASA RFAWQYIDDK CFEEANALTG ANNDEERIAA TGKLTECLAI LEETFQKSSK GLGFFGGETI GYLDIACAAL LGPISVIEMF SADKRVREET TPGLIQWAVR FRAHEAVRPY MPTVEEVTEL VKQRIIEGFK RNFKSNVSTS EYE
<b>Source</b>	E.coli
<b>Target Names</b>	GSTU14
<b>Protein Names</b>	Recommended name: Glutathione S-transferase U14 Short name= AtGSTU14 EC= 2.5.1.18 Alternative name(s): GST class-tau member 14 Glutathione S-transferase 13
<b>Expression Region</b>	1-243
<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.