



Recombinant Arabidopsis thaliana Galactokinase (GAL1)

Product Code	CSB-MP871045DOA
Abbreviation	GAL1
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.	Q9SEE5
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	>85% (SDS-PAGE)
Sequence	MAKPEEVSVPT IFTSLEPVYEG EGSLLQEATQ RFDVLKANFN DVFGASPQLF ARSPGRVNLI GEHIDYEGYS VLPMAIRQDT IIAIRKCEDQ KQLRIANVND KYTMCTYPAD PDQEIDLKNH KWGHYFICAY KGFHEYAKSK GVNLGSPVGL DVLVDGIVPT GSGLSSSAAF VCSATIAMA VFGHNFEEKKE LAQLTCECER HIGTQSGGMD QAISIMAKTG FAELIDFNPV RATDVKLPDG GSFVIAHSLA ESQKAVTAAK NYNNRVVECR LASIILGVKL GMEPKEAISK VKTLSDVEGL CVSFAGDRGS SDPLLAVKEY LKEEPYTAE IEKILEEKLP SIVNNDPTSL AVLNAATHFK LHQRAAHVYS EARRVHGFKD TVNSNLSDEE KLKKGDLMN ESHYSCSVLY ECSCPELEEL VQVCKENGAL GARLTGAGWG GCAVALVKEF DVTQFIPAVK EKYYKKRVEK GVVKKEDMEL YLFASKPSSG AAIFNL
Source	Mammalian cell
Target Names	GAL1
Protein Names	Recommended name: Galactokinase EC= 2.7.1.6 Alternative name(s): Galactose kinase
Expression Region	1-496
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.