



Recombinant Arabidopsis thaliana Guanine nucleotide-binding protein subunit beta (GB1)

Product Code	CSB-YP342989DOA
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.	P49177
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	>85% (SDS-PAGE)
Sequence	MSVSELKERH AVATETVNNL RDQLRQRRLLQ LLDTDVARYS AAQGRTRVSF GATDLVCCRT LQGHTGKVYS LDWTPERNRI VSASQDGRLI VWNALTSQKT HAIKLPCAWV MTCAFSPNGQ SVACGGLDSV CSIFSLSSA DKDGTVPVSR MLTGHRGYVS CCQYVPNEDA HLITSSGDQT CILWDVTTGL KTSVFGGEFQ SGHTADVLSV SISGSNPWF ISGSCDSTAR LWDTRAASRA VRTFHGHEGD VNTVKFFPDG YRFGTGSDDG TCRLYDIRTG HQLQVYQPHG DGENGPVTSI AFSVSGRLLF AGYASNNTCY VWDTLLGEVV LDLGLQQDSH RNRISCLGLS ADGSALCTGS WDSNLKIWAF GGHRRVI
Source	Yeast
Target Names	GB1
Protein Names	Recommended name: Guanine nucleotide-binding protein subunit beta Alternative name(s): AGB1 transducin
Expression Region	1-377
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.