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

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| **Product Code** | CSB-MP342989DOA |
| **Storage** | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.<br>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 RDQLRQRRLQ LLDTDVARYS AAQGRTRVSF GATDLVCCRT LQGHTGKVYS LDWTPERNRI VSASQDGRLI VWNALTSQKT HAIKLPCAWV MTCAFSPNGQ SVACGGLDSV CSIFSLSSTA DKDGTVPVSR MLTGHRGYVS CCQYVPNEDA HLITSSGDQT CILWDVTTGL KTSVFGGEFQ SGHTADVLSV SISGSNPNWF ISGSCDSTAR LWDTRAASRA VRTFHGHEGD VNTVKFFPDG YRFGTGSDDG TCRLYDIRTG HQLQVYQPHG DGENGPVTSI AFSVSGRLLF AGYASNNTCY VWDTLLGEVV LDLGLQQDSH RNRISCLGLS ADGSALCTGS WDSNLKIWAF GGHRRVI |
| **Source** | Mammalian cell |
| **Target Names** | GB1 |
| **Protein Names** | Recommended name: Guanine nucleotide-binding protein subunit beta<br>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. |
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