



Recombinant *Pisum sativum* Guanine nucleotide-binding protein alpha-1 subunit (GPA1)

Product Code	CSB-BP517319EWE
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.	O04278
Product Type	Recombinant Protein
Immunogen Species	<i>Pisum sativum</i> (Garden pea)
Purity	>85% (SDS-PAGE)
Sequence	GLLCSKSNR YNDAKAEENA QTAEIERRIE LETKAEKHIR KLLLLGAGES GKSTIFKQIK LLFQTGFDEA ELKSYLPVVH ANVYQTIKLL HDGSKEFAQN DVDFSKYVIS TENKDIGEKL SEIGGRLDYP RLTKELAQEI ESIWKDAAIQ ETYARGNELQ VPDCTHYFME NLQRLSDANY VPTKEDVLLA RVRTTGVVEI QFSPVGENKK SGEVYRLFDV GGQRNERRKW IHLFEGVSAV IFCVAISEYD QTLFEDENKN RMMETKELFE WVLKQQCFEK TSFMLFLNKF DIFEKKILDV PLNVCEWFKD YQPVSTGKQE IEHAYEFVKK KFEESYFQST APDSVDRVFK IYRTTALDQK VVKKTFKLVD ETLRRRNLF EAGLL
Source	Baculovirus
Target Names	GPA1
Protein Names	Recommended name: Guanine nucleotide-binding protein alpha-1 subunit Short name= GP-alpha-1
Expression Region	2-384
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 of Mature 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.