



Recombinant *Oryza sativa* subsp. japonica Guanine nucleotide-binding protein alpha-1 subunit (GPA1)

Product Code	CSB-EP606324OFG
Abbreviation	GPA1
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.	Q0DJ33
Product Type	Recombinant Protein
Immunogen Species	<i>Oryza sativa</i> subsp. japonica (Rice)
Purity	>85% (SDS-PAGE)
Sequence	GSSCSRSHS LSEAETTKNA KSADIDRRIL QETKAEQHIH KLLLLGAGES GKSTIFKQIK LLFQTGFDEA ELRSYTSVIH ANVYQTIKIL YEGAKELSQV ESDSSKYVIS PDNQEIGEKL SDIDGRLDYP LLNKELVLDV KRLWQDPAIQ ETYLGRSILQ LPDCAQYFME NLDRLAEAGY VPTKEDVLYA RVRTNGVVQI QFSPVGENKR GGEVYRLYDV GGQRNERRKW IHLFEGVNAV IFCAAISEYD QMLFEDETKN RMMETKELFD WVLKQRCFEK TSFILFLNKF DIFEKKIQKV PLSVCEWFKD YQPIAPGKQE VEHAYEFVKK KFEELYFQSS KPDRVDRVFK IYRTTALDQK LVKKTFLKID ESMRRSREGT
Source	E.coli
Target Names	GPA1
Protein Names	Recommended name: Guanine nucleotide-binding protein alpha-1 subunit Short name= GP-alpha-1 Alternative name(s): Protein Dwarf1
Expression Region	2-380
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.