



# Recombinant Solanum tuberosum Guanine nucleotide-binding protein alpha-1 subunit (GPA1)

<b>Product Code</b>	CSB-MP309019FIG
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	P93564
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Solanum tuberosum (Potato)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	GSLCSR NKH YSQADDEENT QTAEIERRIE QETKADKHIQ KLLLLGAGDS GKSTIFKQIK LLFQTGFDEA ELKNYIPVIH ANVYQTIKIL HDGSKELAQN ELEASKYLLS AENKEIGEKL SEIGGRLDYP RLTKDLVQDI EALWKDPAIQ ETLLRGNELQ VPDCAHYFME NLERFSDIHY IPTKEDVLFA RIRTTGVVEI QFSPVGENKK SGEVYRLFDV GGQRNERRKW IHLFEGVTAV IFCAAISEYD QTLFEDERKN RMMETKELFE WVLKQPCFEK TSFMLFLNKF DIFEQKVLKV PLNTCEWFKD YQSVSTGKQE IEHAYEFVKK KFEESYFQCT APDRVDRVFK IYRTTALDQK LVKKTFLVD ETLRRRNLF EAGLL
<b>Source</b>	Mammalian cell
<b>Target Names</b>	GPA1
<b>Protein Names</b>	Recommended name: Guanine nucleotide-binding protein alpha-1 subunit Short name= GP-alpha-1
<b>Expression Region</b>	2-384
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full Length of Mature Protein
<b>Reconstitution</b>	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.
<b>Shelf Life</b>	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.