



Recombinant *Drosophila melanogaster* Mannose-1-phosphate guanyltransferase beta (CG1129)

Product Code	CSB-YP748701DLU
Abbreviation	CG1129
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.	Q7JZB4
Product Type	Recombinant Protein
Immunogen Species	<i>Drosophila melanogaster</i> (Fruit fly)
Purity	≥85% (SDS-PAGE)
Sequence	MCGNPAVGNG TRALILVGGY GTRLRPLTLS TPKPLVEFAN KPILLHQLEA LVDAGCRQVI LAVSYRAEQM EKELKVEAKK LGVELIFSHE TEPLGTAGPL ALAKTILAAS SEPFFVLNSD VICDFPFKQL VQFHCNHGKE GTIVVTKVEE PSKYGVVLYD ENGCIKNFIE KPQEFVSNKI NAGIYIFNPS VLDRIEVKPT SIEKEVFPEM TQQQELYAMD LTGFWMDIGQ PKDFLTGMCL YLSSLRQKQS PKLYTGPGVV GNVLDPTAK IGEGCRIGPN VTIGPDVVIE DGVCIKRSTI LKGAIVRSHS WLDSCIVGWR STVGRWVRIE GITVLGEDVI VKDELYINGG QVLPKSI AA SVPEPQIIM
Source	Yeast
Target Names	CG1129
Protein Names	Recommended name: Mannose-1-phosphate guanyltransferase beta EC= 2.7.7.13 Alternative name(s): GDP-mannose pyrophosphorylase B GTP- mannose-1-phosphate guanylyltransferase beta
Expression Region	1-369
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 $-20^{\circ}\text{C}/-80^{\circ}\text{C}$. The shelf life of lyophilized form is 12 months at $-20^{\circ}\text{C}/-80^{\circ}\text{C}$.