



Recombinant Mannose-1-phosphate guanylyltransferase 1 (manC1)

Product Code	CSB-EP852014EOD
Abbreviation	manC1
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.	Q8X7P1
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli O157:H7
Purity	>85% (SDS-PAGE)
Sequence	MAQSKLYPVV MAGGSGSRLW PLSRVLYPKQ FLCLKGDLTM LQTTICRLNG VECESPVVIC NEQHRFIVAE QLRQLNKLTE NIILEPAGRN TAPAIALAAL AAKRHSPEND PLMLVLAADH VIADEDAFRA AVRNAMPYAE AGKLVTFGIV PDLPETGYGY IRRGEVSAGE QDTVAFEVAQ FVEKPNLETA QAYVASGEYY WNSGMFLFRA GRYLEELKKY RPDILDACEK AMSAVDPDLD FIRVDEDAFL ACPEESVDYA VMERTADAVV VPMDAGWSDV GSWSSLWEIS AHTAEGNVCH GDVINHKTEN SYVYAESGLV TTVGVKDLVV VQTKDAVLIA DRNAVQDVKK VVEQIKADGR HEHRVHREVV RPWGKYDSID AGDRYQVKRI TVKPGEGLSV QMHHRAEHW VVAGTAKVT IDGDIKLLGE NESIYIPLGA THCLENPGKI PLDLIEVRSR SYLEEDDVVR FADRYGRV
Source	E.coli
Target Names	manC1
Protein Names	Recommended name: Mannose-1-phosphate guanylyltransferase 1 EC= 2.7.7.13 Alternative name(s): GDP-mannose pyrophosphorylase 1 Short name= GMP 1 Short name= GMPP 1
Expression Region	1-478
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.



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