



Recombinant Mannose-1-phosphate guanylyltransferase (manC)

Product Code	CSB-EP334315ENL
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.	P37753
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli
Purity	>85% (SDS-PAGE)
Sequence	MLLPVIMAGG TGSRLWPMSR ELYPKQFLRL FGQNSMLQET ITRLSGLEVH EPMVICNEEH RFLVAEQLRQ LNKLSSNIIL EPVGRNTAPA IALAALQATR HGDDPLMLVL AADHIINNQP VFHDAIRVAE QYADEGHLVT FGIVPNAPET GYGYIQRGVA VTDSAHTPYQ VARFVEKPDR ERAGAYLASG EYYWNSGMFM FRAKKYLSEL AKFRPDILEA CQAAVNAADN GSDFISIPHD IFCECPDESVDYAVMEKTAD AVVVGLDADW SDVGSWSALW EVSPKDGQGN VLSGDAWVHN SENCYINSDE KLVAAGVEN LVIVSTKDAV LVMNRERSQD VKKAVEFLKQ NQRTEYKRHR EIYRPWGRCD VVVQTPRFNV NRITVKPGGA FSMQMHHHRA EHWVILAGTG QVTVNGKQFL LSENQSTFIP IGAHECLENP GCIPLEVLEI QSGSYLGEDD IIRIKDQYGR C
Source	E.coli
Target Names	manC
Protein Names	Recommended name: Mannose-1-phosphate guanylyltransferase EC= 2.7.7.13 Alternative name(s): GDP-mannose pyrophosphorylase Short name= GMP Short name= GMPP
Expression Region	1-471
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°C/-80°C. The shelf life



of lyophilized form is 12 months at -20°C/-80°C.