



# Recombinant Mannose-1-phosphate guanylyltransferase (manC)

<b>Product Code</b>	CSB-EP330763ENL-B
<b>Storage</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.
<b>Uniprot No.</b>	P37741
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Escherichia coli
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MSSPLIPVIL SGGNGTRLWP LSREEYPKQF LKLTDSISML QSTISRLDSL NTSSPVVICN ELHRFIVAEQ LRHLNKL DNN IILEPSGRNT APAICIAALI LKMKHPNENP LMLVLPADHS VKKVKTFCNT IKSAIPFAEA GNLVSFGIKP THPETGYGYI QKGKVLSDSD IYEVSEVRTF VEKPNLKTAE SFIEKDEYYW NSGMYLFSVE RYLQELSLYR PDIVKVCQET VKNIHYDMDF IRLDDKIFRN CPQESIDYAV MEKTKDAVVA TMDIGWNDVG AWSSLWELGK KDSSGNVITG DIVCHETENS YIYTESGLVA TIGIQDLVII HTKDSLLVSR RDSVQNVKNI VQHLDLSGRK EHKEHREVFV SWGRCD SIDS SEKYHYQV KR ITVNPSENYR CNYIITVRNI GVVVMGIAKL TVAE EIKILK ENESVYIPAG IKHSLKILDN TTCVNRS LDR FLSC
<b>Source</b>	E.coli
<b>Target Names</b>	manC
<b>Protein Names</b>	Recommended name: Mannose-1-phosphate guanylyltransferase EC= 2.7.7.13 Alternative name(s): GDP-mannose pyrophosphorylase Short name= GMP Short name= GMPP
<b>Expression Region</b>	1-464
<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 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.