



Recombinant Mannose-1-phosphate guanylyltransferase 2 (manC2)

Product Code	CSB-EP525963EOD
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.	O85342
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli O157:H7
Purity	>85% (SDS-PAGE)
Sequence	MSDAPIIAVV MAGGTGSRLW PLSRELYPKQ FLQLSGDNTL LQTTLLRLSG LSCQKPLVIT NEQHRFVVAE QLREINKLNG NIILEPCGRN TAPAIASAF HALKRNPQED PLLLVLAAADH VIAKESVFCDAIKNATPIAN QGKIVTFGII PEYAETGYGY IERGELSVPL QGHENTGFYY VNKFVEKPNR ETAELYMTSG NHYWNSGIFM FKASVYLEEL RKFRPDIYNV CEQVASSSYI DLDFIRLSKE QFQDCPAESI DFAVMEKTEK CVVCPVDIGW SDVGSWQSLW DISLKSKTGD VCKGDILTYD TKNNYIYSES ALVAAIGIED MVIVQTKDAV LVSKKSDVQH VKKIVEMKLK QQRTEYISHR EVFRPWGKFD SIDQGGERYKV KKIIVKPGEG LSLRMHHRHS EHWIVLSGTA KVTLGDKTKL VTANESIYIP LGAAYSLENP GIIPNLIEV SSGDYLGEDD IIRQKERYKH ED
Source	E.coli
Target Names	manC2
Protein Names	Recommended name: Mannose-1-phosphate guanylyltransferase 2 EC= 2.7.7.13 Alternative name(s): GDP-mannose pyrophosphorylase 2 Short name= GMP 2 Short name= GMPP 2
Expression Region	1-482
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.