



# Recombinant Mannose-1-phosphate guanylyltransferase 2 (manC2)

<b>Product Code</b>	CSB-YP525963EOD
<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>	O85342
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Escherichia coli O157:H7
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MSDAPIIAVV MAGGTGSRLW PLSRELYPKQ FLQLSGDNTL LQTTLLRLSG LSCQKPLVIT NEQHRFVVAE QLREINKLNG NIILEPCGRN TAPAIASAF HALKRNPQED PLLLVLAADH VIAKESVFC D AIKNATPIAN QGKIVTFGII PEYAETGYGY IERGELSVPL QGHENTGFYY VNKFVEKPNR ETAELYMTSG NHYWNSGIFM FKASVYLEEL RKFRPDIYNV CEQVASSSYI DLDFIRLSKE QFQDCPAESI DFAVMEKTEK CVVCPVDIGW SDVGSWQSLW DISLKSKTGD VCKGDILTYD TKNNYIYSES ALVAAIGIED MVIVQTKDAV LVSKKSDVQH VKKIVEMKLK QQRTEYISHR EVFRPWGKFD SIDQGERYKV KKIIVKPGEG LSLRMHHRHS EHWIVLSGTA KVTLGDKTKL VTANESIYIP LGAAYSLENP GIIPNLIEV SSGDYLGEDD IIRQKERYKH ED
<b>Source</b>	Yeast
<b>Target Names</b>	manC2
<b>Protein Names</b>	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
<b>Expression Region</b>	1-482
<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.