



Recombinant Maltodextrose utilization protein malA (malA)

Product Code	CSB-BP348526FMW
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.	P59203
Product Type	Recombinant Protein
Immunogen Species	Streptococcus pneumoniae serotype 4 (strain ATCC BAA-334 / TIGR4)
Purity	>85% (SDS-PAGE)
Sequence	MLPYPFSSYFS SIWGVKPLS KRFELNWFQL LFTSIFLISL SMVPIAIQNS SQETYPLETF IDNVYEPLTD KVVQDLSEHA TIVDGTLYT GTASQAPSVV IGPSQIKELP KDLQLHFDTN ELVISKEKE LTRISYRAIQ TESFKSKDSL TQAISKDWYQ QNRVYISLFL VLGASFLFGL NFFIVSLGAS FLLYITKRSR LFSFNTFKEC YHFILNCLGL PTLITLILGL FGQNM TTLIT VQNILFVLYL VTIFYKTHFR DPNYHK
Source	Baculovirus
Target Names	malA
Protein Names	Recommended name: Maltodextrose utilization protein malA
Expression Region	1-266
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.