



Recombinant Escherichia coli PTS system mannitol-specific cryptic EIICB component (cmtA)

Product Code	CSB-CF302519ENV
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P69826
Product Type	Transmembrane Protein
Immunogen Species	Escherichia coli (strain K12)
Sequence	<p>MENKSARAKVQAFGGFLTAMVIPNIGAFIAWGFITALFIPTGWLPNEHFAKIVGP MITYL LPVMIGSTGGHLVGGKRGAVMGGIGTIGVIVGAEIPMFLGSMIMGPLGGLVIKY VDKALE KRIPAGFEMVINNFSLGIAGMLLCLLGFVIGPAVLIANTFVKECIEALVHAGYLP LLSV INEPAKVLFLNNAIDQGVYYPLGMQQASVNGKSIFFMVASNPGPGLGLLLAFTL FGKGMS KRSAPGAMIIHFLGGIHELIFPYVLMKPLTIAMIAGGMSGTWMFNLLDGGGLVA GPSPGS IFAYLALTPKGSFLATIAGVTVGTLVSFAITSLILKMEKTVETESEDEFAQSANAV KAMK QEGAFSLSRVKRIAFVCDAGMGSSAMGATTFRKRLEKAGLAIEVKHYAIENVP ADADIVV THASLEGRVKRVTDKPLILINNYIGDPKLDTLFNQLTAEHKH</p>
Source	in vitro E.coli expression system
Target Names	cmtA
Protein Names	<p>Recommended name: PTS system mannitol-specific cryptic EIICB component Alternative name(s): EIICB-Mtl Short name= EII-Mtl Including the following 2 domains: Mannitol permease IIC component Alternative name(s): PTS system mannito</p>
Expression Region	1-462
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
Shelf Life	<p>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.</p>