



# Recombinant Escherichia coli PTS system mannitol-specific EIICBA component (mtlA)

<b>Product Code</b>	CSB-CF360416ENV
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	P00550
<b>Product Type</b>	Transmembrane Protein
<b>Immunogen Species</b>	Escherichia coli (strain K12)
<b>Sequence</b>	<p>MSSDIKIKVQSFGRFLSNMVM PNIGAFIAWGIITALFIPTGWLPNETLAKLVGPMI          TYLL          PLLIGYTGKLVGGGERGGVVGAITTMGVIVGADMPMFLGSMIAGPLGGWCIKH          FDRWVDG          KIKSGFEMLVN NFSAGIIGMILAILAFLGIGPIVEALSKMLAAGVNF MVVHDMLPL          ASIF          VEPAKILFLN NAINHGIFSP LGIQQSHELKGSIFFLIEANPGPGMGVLLAYMFFG          RGS AK          QSAGGAIIHFLGGIHEIYFPYVLMNPR LILAVILGGMTGVFTLTILGGGLVSPAS          PGSI          LAVLAMTPKGAYFANIAGVCAAMAVSFVVSAILLKT SKVKEEDDIEAATTRMQD          MKAESK          GASPLSAGDVTNDLSHVRKIIVACDAGMGSSAMGAGVLRKKIQDAGLSQISVT          NSAINNL          PPDVDLVITHRDLTERAMRQVPQAQHISLTNFLD SGLYTSALTERLVAAQRHTAN          EEKVKD          SLKDSFDDSSANL FKLGAENIFLGRKAATKEEAIRFAGEQLVKGGYVEPEYVQA          MLDREK          LTPTYLGESIAVPHGTVEAKDRVLKTGVVFCQYPEGVRF GEEEDDIARLVIGIAA          RNNEH IQVITSLTNALDDES VIERLAHTTSVDEVLELLAGRK</p>
<b>Source</b>	in vitro E.coli expression system
<b>Target Names</b>	mtlA
<b>Protein Names</b>	<p>Recommended name: PTS system mannitol-specific EIICBA component          Alternative name(s): EIICBA-Mtl Short name= EII-Mtl Including the following 3          domains: Mannitol permease IIC component Alternative name(s): PTS system          mannitol-spec</p>
<b>Expression Region</b>	1-637
<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>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.