

## 32-2541: MMAB Recombinant Protein

**Alternative Name :** CBIB,Cob(I)alamin adenosyltransferase,EC 2.5.1.17.

### Description

Source : Escherichia Coli. MMAB Recombinant Human produced in E.Coli is a single, non-glycosylated polypeptide chain containing 239 amino acids (33-250 a.a.) and having a molecular mass of 26.3 kDa. The MMAB is fused to 21 amino acid His-Tag at N-terminus and purified by proprietary chromatographic techniques. MMAB protein catalyzes the last step in the conversion of vitamin B(12) into adenosylcobalamin (AdoCbl), a vitamin B12 containing coenzyme for methylmalonyl-CoA mutase(MCM). Decreased MMAB activity leads to the inherited disorder vitamin B12 dependent methylmalonic aciduria linked to the cblB complementation group.

### Product Info

<b>Amount :</b>	25 µg
<b>Purification :</b>	Greater than 95.0% as determined by SDS-PAGE.
<b>Content :</b>	MMAB 1mg/ml protein solution contains 20mM Tris pH-7.5 & 10% glycerol.
<b>Storage condition :</b>	MMAB Human although stable at 4°C for 1 week, should be stored below -18°C. Please prevent freeze thaw cycles.
<b>Amino Acid :</b>	MGSSHHHHHH SSSLVPRGSH MQSRGPQGV E DGDRPQSSK TPRIPKIYTK TGDKGFSSTF TGERRPKDDQ VFEAVGTTDE LSSAIGFALE LVTEKGHTFA EELQKIQCTL QDVGSALATP CSSAREAHLK YTTFKAGPIL ELEQWIDKYT SQLPPLTAFI LPSGGKISSA LHFCAVCRRA AERRVVPLVQ MGETDANVAK FLNRLSDYLF TLARYAAMKE GNQEKIYKKN DPSAESEGL.