

## Methylmalonic Aciduria Type B Human Recombinant

<b>Item Number</b>	rAP-1950
<b>Synonyms</b>	CBIB, Cob(I)alamin adenosyltransferase, EC 2.5.1.17.
<b>Description</b>	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.
<b>Uniprot Accesion Number</b>	Q96EY8
<b>Amino Acid Sequence</b>	MGSSHHHHHH SSSLVPRGSH MQRGPPQGV E DGRPQPSSK TPRIPKIYTK TGDKGFSSTF TGERRPKDDQ VFEAVGTTDE LSSAIGFALE LVTEKGHTFA EELQKIQCTL QDVGSALATP CSSAREAHLK YTTFKAGPIL ELEQWIDKYT SQLPPLTAFI LPSGGKISSA LHFCRAVCRR AERRVVPLVQ MGETDANVAK FLNRLSDYLF TLARYAAMKE GNQEKIYKKN DPSAESEGL.
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	Sterile Filtered clear solution. MMAB Human although stable at 4°C for 1 week, should be stored below -18°C. Please prevent freeze thaw cycles.
<b>Formulation and Purity</b>	MMAB 1mg/ml protein solution contains 20mM Tris pH-7.5 & 10% glycerol. Greater than 95.0% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**