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MMAB Human

Catalog #:ENPS-255

For research use only.

Description: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.

Synonyms:CBIB, Cob(I)alamin adenosyltransferase, EC 2.5.1.17.

Source: Escherichia Coli.

Physical Appearance: Sterile Filtered clear solution.

Amino Acid Sequence:MGSSHHHHHH SSGLVPRGSH MQSRGPQGVE DGDRPQPSSK TPRIPKIYTK TGDKGFSSTF TGERRPKDDQ VFEAVGTTDE LSSAIGFALELVTEKGHTFA EELQKIQCTL QDVGSALATP CSSAREAHLK YTTFKAGPIL ELEQWIDKYT SQLPPLTAFI LPSGGKISSA LHFCRAVCRRAERRVVPLVQ MGETDANVAK FLNRLSDYLF TLARYAAMKE GNQEKIYKKN DPSA

Purity: Greater than 95.0% as determined by SDS-PAGE.

Formulation:
MMAB 1mg/ml protein solution contains 20mM Tris pH-7.5 & 10% glycerol.

Stability:
MMAB Human althoμgh stable at 4°C for 1 week, should be stored below -18°C. Please prevent freeze thaw cycles.

Usage:
NeoBiolab''s products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drμgs, agricultural or pesticidal products, food additives or household chemicals.

Introduction:
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.

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