

Human MAT1A Recombinant Protein



RPPB1924

Product Information Protein Information

Product SKU:

RPPB1924

Accession:

Q00266

Host:

Escherichia Coli.

Protein description:

MAT1A Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 414 amino acids (1-395 a.a.) and having a molecular mass of 45.6 kDa. The MAT1A is fused to a 20 amino acid his tag at N-terminus and purified by conventional chromatography.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

EC 2.5.1.6, MAT, MATA1, SAMS, SAMS1, Methionine adenosyltransferase 1, S-adenosylmethionine synthase isoform type-1, AdoMet synthase 1, MAT 1, Methionine adenosyltransferase I/III, MAT-I/III, MAT1A, AMS1.

Formulation:

The MAT1A protein solution contains 20mM Tris-HCl pH-8, 1mM DTT, 100mM NaCl and 10% glycerol.

Purity:

Greater than 95.0% as determined by SDS-PAGE.

Stability:

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Amino Acid Sequence:

MGSSHHHHHS SGLVPRGSHM NGPVDGLCDH SLSEGVFMFT SESVGEHPD KICDQISDAV LDAHLKQDPN
AKVACETVCK TGMVLLCGEI TSMAMVDYQR VVRDTIKHIG YDDSAKGDFD KTCNVLVALE QQSPDIAQCV
HLDRNEEDVG AGDQGLMFGY ATDETEECMP LTIILAHKLN ARMADLRRSG LLPWLRPDSK TQVTVQYMQD
NGAVIPVRIH TIVISVQHNE DITLEEMRRA LKEQVIRAVV PAKYLDEDTV YHLQPSGRFV IGGPQGDAGV
TGRKIIVDTY GGWGAHGGGA FSGKDYTKVD RSAAYAARWV AKSLVKAGLC RRVLVQVSYA IGVAEPLSIS
IFTYGTSQKT ERELLDVVHK NFDLRPGVIV RDLDLKKPIY QKTACYGHFG RSEFPWEVPR KLVF.