

Human AMT Recombinant Protein



RPPB1401

Product Information Protein Information

Product SKU:

RPPB1401

Accession:

P48728

Host:

Escherichia Coli.

Protein description:

AMT Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 398 amino acids (29-403 a.a) and having a molecular mass of 43.3kDa.AMT is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

GCE, GCST, GCVT, NKH, Aminomethyltransferase, mitochondrial, Glycine cleavage system T protein, GCVT.

Formulation:

AMT protein solution (1mg/ml) in Phosphate Buffered Saline, 30% glycerol and 1mM DTT.

Purity:

Greater than 90.0% 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:

MGSSHHHHHH SGLVPRGSH MGSAQEVLR TPLYDFHLAH GGKMVAFAGW SLPVQYRDSH TDSHLHTRQH
CSLFDVSHML QTKILGSDRV KLMESLVVGD IAE LRPNQGT LSLFTNEAGG ILDDLIVTNT SEGHLYVVS
AGCWEKDLAL MQDKVRELQN QGRDVGLEVL DNALLALQGP TAAQVLQAGV ADDLRKLPFM TSAVMEVFGV
SGCRVTRCGY TGEDGVEISV PVAGAVHLAT AILKNPEVKL AGLAARDSLR LEAGLCLYGN DIDEHTTPVE
GSLSWTLGKR RRAAMDFPGA KVIVPQLKGR VQRRRVGLMC EGAPMRAHSP ILNMEGTKIG TVTSGCPS
LKKNVAMGYV PCEYSRPGTM LLVEVRRKQQ MAVVSKMPFV PTNYYTLK.