

Human GATM Recombinant Protein



RPPB1676

Product Information Protein Information

Product SKU:

RPPB1676

Accession:

P50440

Host:

E.coli.

Protein description:

GATM Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 410 amino acids (38-423) and having a molecular mass of 46.9kDa (Molecular size on SDS-PAGE will appear higher).GATM is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

Glycine amidinotransferase, mitochondrial, L-arginine:glycine amidinotransferase, Transamidinase, GATM, AGAT, AT.

Formulation:

The GATM solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 2mM DTT, 10% glycerol and 200mM NaCl.

Purity:

Greater than 90% 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 MGSMTQAAT ASSRNSCAAD DKATEPLPKD CPVSSYNEWD PLEEVIVGRA
ENACVPPFTI EVKANTYEKY WPFYQKQGGH YFPKDHLKKA VAEIEEMCNI LKTEGTVRR PDPIDWSLKY
KTPDFESTGL YSAMPDILI VVGNEIIEAP MAWRSRFFEYRAYRSIIKDY FHRGAKWTTA PKPTMADELY
NQDYPIHSVE DRHKLAAQ GK FVTTEFPCF DAADFIRAGR DIFAQRSQVT NYLGIEWMRR HLAPDYRVHI
ISFKDPNPMH IDATFNIIGP GIVLSNPNDRP CHQIDLFKKA GWTIITPPTP IIPDDHPLWM SSKWLSMNVL
MLDEKRMVDANEVPIQKMF EKLGITTIKV NIRNANSLGG GFHCWTCDVR RRGTLQSYLD.