

Human GCAT Recombinant Protein



RPPB1679

Product Information Protein Information

Product SKU:

RPPB1679

Accession:

O75600

Host:

Escherichia Coli.

Protein description:

GCAT Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 419 amino acids (22-419 a.a) and having a molecular mass of 45kDa. GCAT is fused to a 21 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered clear solution.

Synonyms:

2-amino-3-ketobutyrate coenzyme A ligase mitochondrial, AKB ligase, EC 2.3.1.29, Aminoacetone synthase, Glycine acetyltransferase, GCAT, KBL.

Formulation:

GCAT protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.4M urea and 10% glycerol.

Purity:

Greater than 85.0% 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 MSALAQLRGI LELEGIRG AGTWKSERVI TSRQGPHIRV DGVSGGILNF
CANNYLGLSS HPEVIQAGLQ ALEEFGAGLS SVRFICGTQS IHKNLEAKIA RFHQREDAIL YPSCYDANAG
LFEALLTPED AVLSDELNHA SIIDGIRLCK AHKYRYRHL D MADLEAKLQE AQKHLRLVA TDGAFSMDGD
IAPLQEICCL ASRYGALVFM DECHATGFLG PTGRGTDELL GVMDQVTIIN STLGKALGGA SGGYTTGPGP
LVSLLRQRAR PYLFSNSLPP AVVGCASKAL DLLMGSNTIV QSMAAKTQRF RSKMEAAGFT ISGASHPICP
VMLGDARLAS RMADDMLKRG IFVIGFSYPV VPKGKARIRV QISAVHSEED IDRCVEAFVE VGRLHGALP.