

Human CTH Recombinant Protein



RPPB1510

Product Information Protein Information

Product SKU:

RPPB1510

Accession:

P32929

Host:

Escherichia Coli.

Protein description:

CTH Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 425 amino acids (1-405) and having a molecular mass of 46.7kDa. CTH is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

Cystathionine gamma-lyase, Cysteine-protein sulfhydrase, Gamma-cystathionase, CTH.

Formulation:

The CTH solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 2mM DTT, 10% glycerol and 100mM NaCl.

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:

MGSSHHHHHH SGLVPRGSH MQEKDASSQG FLPHFQHFAT QAIHVGQDPE QWTSRAVVPP ISLSTTFKQG
APGQHSGFEY SRSGNPNTRNC LEKAVAALDG AKYCLAFASG LAATVTIITHL LKAGDQIICM DDVYGGTNRNRY
FRQVASEFGL KISFVDCSKI KLEEAITPE TKLWVIETPT NPTQKVIDIE GCAHIVHKHG DIILVVDNNTF
MSPYFQRPLA LGADISMYSY TKYMNHSDV VMGLVSVNCE SLHNRLRFLQ NSLGAVPSPI DCYLCNRGLK
TLHVRMEKHF KNGMAVAQFL ESNPWVEKVI YPGLPSHPQH ELVKRQCTGC TGMVTFYIKG TLQHAEIFLK
NLKLFSLAES LGGFESLAEL PAIMTHASVL KNDRDVLGIS DTLIRLSVGL EDEEDLLEDL DQALKAHPP SGSHS.