

RPPB1681

Product Information Protein Information

Product SKU:

RPPB1681

Accession:

P48507

Host:

Escherichia Coli.

Protein description:

GCLM Human Recombinant produced in E. coli is a single polypeptide chain containing 298 amino acids (1-274) and having a molecular mass of 33.3kDa. GCLM is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

Glutamate--cysteine ligase regulatory subunit, GCS light chain, Gamma-ECS regulatory subunit, Gamma-glutamylcysteine synthetase regulatory subunit, Glutamate--cysteine ligase modifier subunit, GCLM, GLCLR.

Formulation:

The GCLM solution (1mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 10% glycerol and 0.15M NaCl.

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:

MGSSHHHHH SSGLVPRGSH MGSHTMGDTSR AAKALLARAR TLHLQTGNLL NWGRLRKKCP STHSEELHDC
IQKTLNEWSS QINPDLVREF PDVLECTVSH AVEKINPDER EEMKVSALF IVESNSSST RSAVDMACSV
LGVAQLDSVI IASPIEDGV NLSLEHLQPY WEELENLVQS KKIVAIGTSD LDKTQLEQLY QWAQVKPNSN
QVNLASCCVM PDLTAFKQ FDIQLLTHND PKELLSEASF QEALQESIPD IQAHEWVPLW LLRYSVIVKS
RGIKSKGYI LQAKRRGS.