

Human PCYT2 Recombinant Protein



RPPB2077

Product Information Protein Information

Product SKU:

RPPB2077

Accession:

Q99447

Host:

Escherichia Coli.

Protein description:

PCYT2 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 409 amino acids (1-389) and having a molecular mass of 45.9kDa. PCYT2 is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

MEA-phosphate cytidyltransferase, CTP:phospho MEA cytidyltransferase, Phosphoryl MEA transferase, PCYT2, ET.

Formulation:

The PCYT2 solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 20% glycerol, 0.1M NaCl, 1mM DTT and 0.1mM PMSF.

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 MIRNGRGAAG GAEQPGGGR RAVRVWCDGC YDMVHYGHSN
QLRQARAMGD YLIVGVHTDE EIAKHKGPPV FTQEERYKMV QAIKWVDEVV PAAPYVTTLT TLDKYNCDFC
VHGNDITLTV DGRDYEYEVK QAGRYRECKR TQGVSTDLV GRMLLVTKAH HSSQEMSSEY REYADSFQK
PGGRNPWTGV SQFLQTSQKI IQFASGKEPQ PGETVIYVAG AFDLFHIGHV DFLEKVHRLA ERPYIIAGLH
FDQEVNHYKG KNYPIMNLHE RTLSVLACRY VSEVIGAPY AVTAELLSHF KVDLVCHGKT EIIPDRDGSD
PYQEPKRRGI FRQIDSGSNL TTDLIVQR II TNRLEYEARN QKKEAKELAF LEAARQAAQ PLGERDGDGDF.