

Human ACY1 Recombinant Protein



RPPB5783

Product Information Protein Information

Product SKU:

RPPB5783

Accession:

Q03154

Host:

Escherichia Coli.

Protein description:

ACY1 Recombinant Human produced in E.Coli is a single, non-glycosylated polypeptide chain containing 428 amino acids (1-408 a.a.) and having a molecular mass of 48kDa. The ACY1 is fused to a 20 amino acid His-Tag at N-terminus and purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered clear solution.

Synonyms:

N-acyl-L-amino-acid amidohydrolase, ACY-1, ACY1D, ACYLASE, ACY1, EC 3.5.1.143.

Formulation:

The ACY1 solution (0.5mg/ml) containing 20mM Tris-HCl pH-8, 1mM DTT & 10% glycerol.

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:

MGSSHHHHHH SGLVPRGSH MTSKGPEEEH PSVTLFRQYL RIRTVQPKPD YGA AVAFFEE TARQLGLGCQ
KVEVAPGYVV TVLTWPGTNP TLSSILLNSH TDVVPVFEKH WSHDPFEAFK DSEGYYARG AQDMKCVSIQ
YLEAVRRLKV EGHRFPRTIH MTFVPDEEVG GHQGMELFVQ RPEFHALRAG FALDEGIANP TDAFTVFYSE
RSPWWVRVTS TGRPGHASRF MEDTAAEKLH KVVNSILAFR EKEWQRLQSN PHLKEGSVTS VNLTKLEGGV
AYNVIPATMS ASFDVRVAPD VDFKAFEEQL QSWCQAAGEG VTLEFAQKWM HPQVTPTDDS NPWWAAFSRV
CKDMNLTLEP EIMPAATDNR YIRAVGVPAL GFSPMNRTPV LLHDHDERLH EAVFLRGVDI YTRLLPALAS
VPALPSDS.