

Human ACP6 Recombinant Protein



RPPB1340

Product Information Protein Information

Product SKU:

RPPB1340

Accession:

Q9NPH0

Host:

Escherichia Coli.

Protein description:

ACP6 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 419 amino acids (33-428a.a) and having a molecular mass of 47.7kDa. ACP6 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Appearance:

Sterile filtered colorless solution.

Synonyms:

Acid Phosphatase 6, Lysophosphatidic Acid Phosphatase-Like Protein 1, PACPL1, ACPL1, LPAP, Lysophosphatidic Acid Phosphatase Type 6, Lysophosphatidic Acid Phosphatase 6, Acid Phosphatase Like 1, EC 3.1.3.2, Lysophosphatidic acid phosphatase type 6.

Formulation:

ACP6 protein solution (1mg/ml) containing Phosphate buffered saline (pH7.4), 30% glycerol and 1mM DTT.

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 MGSELQEADG QCPVDRSLK LKMVQVFRH GARSPLKPLP LEEQVEWNPQ
LLEVPPQTQF DYVTNLGG PKPSPYDSQ YHETTLKGGM FAGQLTKVGM QQMFALGERL RKNYVEDIPF
LSPTFNPQEV FIRSTNIFRN LESTRCLLAG LFQCQKEGPI IIHTDEADSE VLYPNYQSCW SLRQRTRGRR
QTASLQPGIS EDLKKVKDRM GIDSSDKVDF FILLDNVAAE QAHNLPSCPM LKRFARMIEQ RAVDTSLYIL
PKEDRESLQM AVGPFLHILE SNLLKAMDSA TAPDKIRKLY LYAAHDVTFI PLLMTLGIFD HKWPPFAVDL
TMELYQHLES KEWVQLYYH GKEQVPRGCP DGLCPLDMFL NAMSVTLSLP EKYHALCSQT QVMEVGNEE.

Biological Activity:

Specific activity is > 70 units/mg, and is defined as the amount of enzyme which hydrolyze 1.0 nmoles of p-nitrophenyl phosphate (pNPP) per minute at PH 5.0 at 37C.