NKMAXBIO We support you, we believe in your research

Recombinant human ACOT13 protein

Catalog Number: ATGP0731

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-140aa

UniProt No.

Q9NPJ3

NCBI Accession No.

NP 060943

Alternative Names

Acyl-coenzyme A thioesterase 13, THEM2, HT012, PNAS-27, Acyl-coenzyme A thioesterase 13

PRODUCT SPECIFICATION

Molecular Weight

17.1 kDa (160aa) confirmed by MALDI-TOF

Concentration

1mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT, 10% glycerol

Purity

> 95% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description

Acyl-coenzyme A thioesterase 13, also known ACOT13, belongs to the thioesterase subfamily of esterase family. Highly expressed in kidney with moderate expression in brain, liver and intestines, ACOT13 contains a hotdog-fold and is thought to co-localize with microtubules, possibly playing a role in cellular proliferation events. Deletion of a portion of the q arm of chromosome 6 is associated with early onset intestinal cancer, suggesting the presence of a cancer susceptibility locus. Recombinant human ACOT13, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.



NKMAXBio We support you, we believe in your research

Recombinant human ACOT13 protein

Catalog Number: ATGP0731

Amino acid Sequence

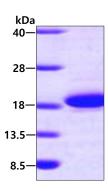
<MGSSHHHHHH SSGLVPRGSH> MTSMTQSLRE VIKAMTKARN FERVLGKITL VSAAPGKVIC EMKVEEEHTN AIGTLHGGLT ATLVDNISTM ALLCTERGAP GVSVDMNITY MSPAKLGEDI VITAHVLKQG KTLAFTSVDL TNKATGKLIA OGRHTKHLGN

General References

Kanno K., et al. (2007) J Biol Chem. 282:30728-30736. Cheng Z., et al. (2006) Biochem Biophys Res Commun. 350:850-853.

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

