9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

32-2112: ACOT13 Recombinant Protein

Alternative Name : Acyl-coenzyme A thioesterase 13,Acyl-CoA thioesterase 13,Thioesterase superfamily member 2,ACOT13,THEM2,HT012,MGC4961,PNAS-27,ACOT13.

Description

Source : Escherichia Coli. ACOT13 Human Recombinant fused with a 20 amino acid His tag at N-terminus produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 160 amino acids (1-140 a.a.) and having a molecular mass of 17.1kDa. The ACOT13 is purified by proprietary chromatographic techniques. Acyl-coenzyme A thioesterase 13 (ACOT13) belongs to the thioesterase subfamily of esterase family. ACOT13 is highly expressed in the kidney with moderate expression in the brain, liver and intestines. ACOT13 contains a hotdog-fold and is thought to co-localize with microtubules, possibly having a role in cellular proliferation events. Deletion of a segment of the q arm of chromosome 6 is linked to early onset intestinal cancer, suggesting the presence of a cancer susceptibility locus.

Product Info

Amount :	10 µg
Purification :	Greater than 95.0% as determined by SDS-PAGE.
Content :	The ACOT13 solution (1 mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 1mM DTT and 10% glycerol.
Storage condition :	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 :	MGSSHHHHHH SSGLVPRGSH MTSMTQSLRE VIKAMTKARN FERVLGKITL VSAAPGKVIC EMKVEEEHTN AIGTLHGGLT ATLVDNISTM ALLCTERGAP GVSVDMNITY MSPAKLGEDI VITAHVLKQG KTLAFTSVDL TNKATGKLIA QGRHTKHLGN.

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