

Recombinant Human ACOT2

Catalog No: #GP10035

Package Size: #GP10035-1 100ug

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Description

Product Name	Recombinant Human ACOT2
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 169-468 amino acids of human acyl-CoA thioesterase 2
Target Name	Acyl-CoA thioesterase 2
Other Names	MTE1; PTE2; CTE1A; PTE2A; CTE-IA; ZAP128
Accession No.	Swissprot:P49753Gene Accession:BC004436
Uniprot	P49753
GeneID	10965;
Storage	-20~-80°C, pH 7.6 PBS

Background

This gene encodes a member of the acyl-CoA thioesterase protein family, and is one of four acyl-CoA hydrolase genes located in a cluster on chromosome 14. Alternative splicing results in multiple transcript variants. Acyl-CoA thioesterases, such as ACOT2, are a group of enzymes that hydrolyze Coenzyme A (CoA) esters, such as acyl-CoAs, bile CoAs, and CoA esters of prostaglandins, to the corresponding free acid and CoA. ACOT2 shows high acyl-CoA thioesterase activity on medium- and long-chain acyl-CoAs, with an optimal pH of 8.5. It is most active on myristoyl-CoA but also shows high activity on palmitoyl-CoA, stearoyl-CoA, and arachidoyl-CoA.

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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