

Recombinant Full Length Human ACOT4 Protein, C-Flag-tagged

Cat. No. ACOT4-1806HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human ACOT4 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	Enables acyl-CoA hydrolase activity and succinyl-CoA hydrolase activity. Involved in carboxylic acid metabolic process; saturated monocarboxylic acid metabolic process; and succinyl-CoA metabolic process. Located in peroxisome.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	46.1 kDa
AA Sequence	MSATLILEPPGRCCWNEPVRIAVRGLAPEQRVTLRASLRDEK GALFRAHARYCADA RGELDLERAPALGG SFAGLEPMGLLWALEPEKPFWRFLKRDVQIPFVVELEVLDGH DPEPGRLLCQAQHERHFLPPGVRRQSVR AGRVRATLFLPPGPGPFPGIIDIFGIGGG LLEYRASLLAGHGFATLALAYNFEDLPNNMDNISLEYFEE AVCYMLQHPQVKGP GLLGISLGADICLSMASFLKNVSATVSINGSGISGNTAINYKHSSIPPLGYDLR RIKVA FSGLVDIVDIRNALVGGYKNPSMIEKAQGPILLIVGQDDHNWRSELYAQTVSERLQ AHGKEKP QIICYPGTGHYIEPPYFPLCPASLHRLLNKHVIWGGGEPRAHSKAQEDAW KQILAFFCKHLGGTQKTAVPK L TRTRPLEQKLISEEDLAANDILDYKDDDDKV

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Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Pathways	Biosynthesis of unsaturated fatty acids
Full Length	Full L.

GENE INFORMATION

Gene Name	ACOT4 acyl-CoA thioesterase 4 [Homo sapiens (human)]
Official Symbol	ACOT4
Synonyms	PTE1B; PTE2B; PTE-Ib
Gene ID	122970
mRNA Refseq	NM_152331.4
Protein Refseq	NP_689544.3
MIM	614314

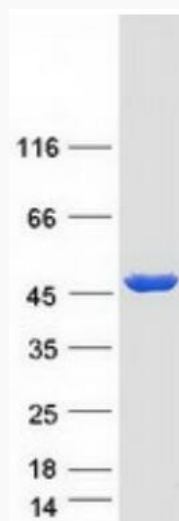
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UniProt ID

Q8N9L9



Coomassie blue staining of purified ACOT4 protein.

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