Recombinant Human ACOX3 Protein, MYC/DDK-tagged

Cat. No. ACOX3-908H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human ACOX3 protein, fused to MYC/DDK tag at C-terminus, was expressed in HEK293.
Species	Human
Source	HEK293
Description	Acyl-Coenzyme A oxidase 3 also know as pristanoyl -CoA oxidase (ACOX3)is involved in the desaturation of 2-methyl branched fatty acids in peroxisomes. Unlike the rat homolog, the human gene is expressed in very low amounts in liver such that its mRNA was undetectable by routine Northern-blot analysis or its product by immunoblotting or by enzyme activity measurements. However the human cDNA encoding a 700 amino acid protein with a peroxisomal targeting C-terminal tripeptide S-K-L was isolated and is thought to be expressed under special conditions such as specific developmental stages or in a tissue specific manner in tissues that have not yet been examined. [provided by RefSeq, Jul 2008]
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
Molecular Mass	77.4 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

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GENE INFORMATION

Gene Name	acyl-CoA oxidase 3, pristanoyl[Homo sapiens]
Official Symbol	ACOX3
Synonyms	acyl-Coenzyme A oxidase 3, pristanoyl
Gene ID	8310
mRNA Refseq	NM_001101667.1
Protein Refseq	NP_003492
MIM	603402
UniProt ID	O15254

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