

## Recombinant Human ACOX3 Protein, MYC/DDK-tagged

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

### SPECIFICATION

|                         |   |
|-------------------------|---|
| <b>Product Overview</b> | Recombinant human ACOX3 protein, fused to MYC/DDK tag at C-terminus, was expressed in HEK293.   |
| <b>Species</b>          | Human   |
| <b>Source</b>           | HEK293  |
| <b>Description</b>      | Acyl-Coenzyme A oxidase 3 also known 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] |
| <b>Form</b>             | 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.  |
| <b>Molecular Mass</b>   | 77.4 kDa  |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining   |
| <b>Concentration</b>    | >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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