

Recombinant Human ACOX3 Protein, GST-Tagged

Cat. No. ACOX3-176H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ACOX3 partial ORF (NP_003492, 632 a.a. - 700 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
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]
Molecular Mass	33.33 kDa
AA Sequence	QLKDDAVALVDVIAPPDFVLDSPIGRADGELYKNLWGAVLQESKVLERASWWPEFS VNKPVIGSLKSKL
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production

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Protein Array

Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

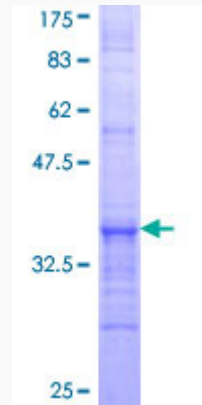
GENE INFORMATION

Gene Name	ACOX3 acyl-CoA oxidase 3, pristanoyl [Homo sapiens]
Official Symbol	ACOX3
Synonyms	ACOX3; acyl-CoA oxidase 3, pristanoyl; acyl Coenzyme A oxidase 3, pristanoyl; peroxisomal acyl-coenzyme A oxidase 3; BRCACox; pristanoyl-CoA oxidase; branched-chain acyl-CoA oxidase; acyl-Coenzyme A oxidase 3, pristanoyl;
Gene ID	8310
mRNA Refseq	NM_001101667
Protein Refseq	NP_001095137
MIM	603402
UniProt ID	O15254

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12.5% SDS-PAGE Stained with Coomassie Blue.

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