

Recombinant Human ACOX3 Protein, GST-Tagged

Cat. No. ACOX3-175H Lot. No. (See product label)

SPECIFICATION

Product Overview	Human ACOX3 full-length ORF (AAH17053.1, 1 a.a. - 624 a.a.) recombinant protein with GST tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	<p>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]</p>
Molecular Mass	96 kDa
AA Sequence	<p>MASTVEGGDTALLPEFPRGPLDAYRARASFSWKELALFTEGEGMLRFKKTIFSALEN DPLFARSPGADLSLEKYRELNFLRCKRIFEYDFLSVEDMFKSPLKVPALIQCLGMYDS SLAAKYLLHSLVFGSAVYSSGSRHLTYIQKIFRMEIFGCFALTELSHGSNTKAIRTTA HYDPATEEFIIHSPDFEAAKFWVGNMGKTATHAVVFAKLCVPGDQCHGLHPFIVQIR DPKTLMPGVMVGDIGKKLGQNGLDNGFAMFHKVRVPRQSLNRMGDVTPEGTY</p>

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

VSPFKDVRQRFGASLGLSLSGRVSIIVSLAILNLKLAVAIALRFSATRRQFGPTEEEEIP
 VLEYPMQQWRLLPYLAAVYALDHFSKSLFLDLVELQRGLASGDRSARQAELGREIH
 ALASASKPLASWTTQQGIQECREACGGHGYLAMNRLGVLRDDNDPNCTYEGDNNI
 LLQQTSNYLLGLLAHQVHDGACFRSPLKSVDFLDAYPGILDQKFEVSSVADCLDSAV
 ALAAYKWLVCYLLRETYQKLNQEKRSGSSDFEARNKCQVSHGRPLALAFVELTVVQ
 RFHEHVHQPSVPPSLRAVLGRLSALYALWLSLRHAALLYRAERRCSCPGRRDRSS

Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production 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.

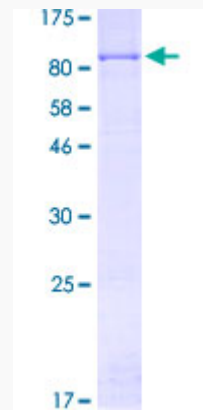
GENE INFORMATION

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



12.5% SDS-PAGE Stained with Coomassie Blue.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA