

Recombinant Human FAR2 Protein, GST-tagged

Cat. No. FAR2-3839H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human FAR2 full-length ORF (BAB55347.1, 1 a.a. - 515 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This gene belongs to the short chain dehydrogenase/reductase superfamily. It encodes a reductase enzyme involved in the first step of wax biosynthesis wherein fatty acids are converted to fatty alcohols. The encoded peroxisomal protein utilizes saturated fatty acids of 16 or 18 carbons as preferred substrates. Alternatively spliced transcript variants have been observed for this gene. Related pseudogenes have been identified on chromosomes 2, 14 and 22. [provided by RefSeq, Nov 2012]
Molecular Mass	85.8 kDa
AA Sequence	MSTIAAFYGGKSILITGATGFLGKVLMEKLFRTSPDLKVIYILVRPKAGQTLQQRVVFQIL DSKLFEEKVKEVCPNVHEKIRAIYADLNQNDFAISKEDMQELLCTNIIFHCAATVRFDD TLRHAVQLNVTATRQLLLMA SQMPKLEAFIHISTAYSNCLNKHIDEVIYPCPVEPKKIID SLEWLDDAIIDEITPKLIRDWPNIYTYTKALGEMVVQQESRNLNIAIIRPSIVGATWQEP FPGWVDNINGPNGIIATGKGFLRAIKATPMAVADVIPVDTVNLMLAVGWYTA AHRP KSTLVYHITSGNMNPCNWHKMGVQVLATFEKIPFERPFRRPNANFTSNSFTSQYWN AVSHRAPAIYDCYLRLTGRKPRMTKLMNRLRLRTVSMLEYFINRSWEWSTYNTEMLM SELSPEDQRVFNFDVRQLNWLEYIENYVLGVKKYLLKEDMAGIPKAKQRLKRLRNIH

 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

YLFNTALFLIAWRLLIARSQMARNVWFFIVSFCYKFLSYFRASSTLKV

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

[FAR2 fatty acyl CoA reductase 2 \[Homo sapiens \]](#)

Official Symbol

[FAR2](#)

Synonyms

MLSTD1; SDR10E2; FAR2; fatty acyl CoA reductase 2

Gene ID

[55711](#)

mRNA Refseq

[NM_018099](#)

Protein Refseq

[NP_060569](#)

MIM

[616156](#)

UniProt ID

[Q96K12](#)

 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