

## Recombinant Human ACSF2 protein, His-tagged

Cat. No. ACSF2-4734H    Lot. No. (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                               |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human ACSF2 protein(Q96CM8)(42-615aa), fused to N-terminal His tag, was expressed in E. coli                                                                                                                                                      |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                         |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                        |
| <b>ProteinLength</b>    | 42-615aa                                                                                                                                                                                                                                                      |
| <b>Form</b>             | If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol.<br>If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.                         |
| <b>Molecular Mass</b>   | 67.7 kDa                                                                                                                                                                                                                                                      |
| <b>Purity</b>           | Greater than 90% as determined by SDS-PAGE.                                                                                                                                                                                                                   |
| <b>Storage</b>          | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.                                                                                                                                                |
| <b>Reconstitution</b>   | Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. |

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

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

## GENE INFORMATION

|                 |                                                                                                                                                                                       |
|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene Name       | ACSF2 acyl-CoA synthetase family member 2 [ Homo sapiens ]                                                                                                                            |
| Official Symbol | ACSF2                                                                                                                                                                                 |
| Synonyms        | ACSF2; acyl-CoA synthetase family member 2; acyl-CoA synthetase family member 2, mitochondrial; ACSMW; FLJ20920; PPARG binding, long chain fatty acid acyl Co-A ligase like; AVYV493; |
| Gene ID         | 80221                                                                                                                                                                                 |
| mRNA Refseq     | NM_025149                                                                                                                                                                             |
| Protein Refseq  | NP_079425                                                                                                                                                                             |
| MIM             | 610465                                                                                                                                                                                |
| UniProt ID      | Q96CM8                                                                                                                                                                                |

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