

Recombinant Human ACSS2 Protein (G2-Q701), His tagged

Cat. No. ACSS2-0281H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human 6His-TEV-GG-ACSS2(G2-Q701 end) Protein was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	G2-Q701
Description	Catalyzes the synthesis of acetyl-CoA from short-chain fatty acids. Acetate is the preferred substrate. Can also utilize propionate with a much lower affinity.
Form	Liquid
Endotoxin	< 0.01 EU per µg of the protein
Purity	90%
Stability	Samples are stable for up to twelve months from date of receipt at -20 to -80 centigrade.
Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Storage Buffer	Supplied as sterile 50 mM Tris-HCl (pH7.5), 200 mM NaCl, 20% glycerol

 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

Shipping It is shipped out with blue ice.

GENE INFORMATION

Gene Name [ACSS2 acyl-CoA synthetase short-chain family member 2 \[Homo sapiens \(human\) \]](#)

Official Symbol [ACSS2](#)

Synonyms

ACSS2; acyl-CoA synthetase short-chain family member 2; ACAS2, acetyl Coenzyme A synthetase 2 (ADP forming); acetyl-coenzyme A synthetase, cytoplasmic; AceCS; ACS; ACSA; dJ1161H23.1; acetate thiokinase; acetate-CoA ligase; acyl-activating enzyme; cytoplasmic acetyl-coenzyme A synthetase; acetyl-Coenzyme A synthetase 2 (ADP forming); ACAS2; ACECS; DKFZp762G026;

Gene ID [55902](#)

mRNA Refseq [NM_001076552](#)

Protein Refseq [NP_001070020](#)

MIM [605832](#)

UniProt ID [Q9NR19](#)

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