

Recombinant Human ACSS2 protein, His-tagged

Cat. No. ACSS2-4019H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ACSS2 protein(18-191 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	18-191 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	ALHSIVFAGFSSESLCERILDSSCSLLITTDAYRGEKLVNLKELADEALQKCQKEKGFP VRCCIVVKHLGRAELGMGDSTSQSPPIKRSCPVDQISWNQGIDLWWHELMQEAGD ECEPEWCDAEDPLFILYTSGSTGKPKG VVHTVGGYMLYVATTFKYVFDFHAEDVFW CTAD
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

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Reconstitution	Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage. Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.
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GENE INFORMATION

Gene Name	ACSS2 acyl-CoA synthetase short-chain family member 2 [Homo sapiens]
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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