



# Recombinant Human Acetyl-coenzyme A synthetase 2-like, mitochondrial (ACSS1)

<b>Product Code</b>	CSB-BP882105HU
<b>Abbreviation</b>	ACSS1
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	Q9NUB1
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	ASG PSGSAPAVAA AAAQPGSYP A LSAQAAREPA AFWGPLARDT LVWDTPTYHTV WDCDFSTGKI GWFLGGQLNV SVNCLDQHVR KSPESVALIW ERDEPGTEVR ITYRELLETT CRLANTLKRH GVHRGDRVAI YMPVSPLAVA AMLACARIGA VHTVIFAGFS AESLAGRIND AKCKVVITFN QGLRGGRVVE LKKIVDEAVK HCPTVQHVLV AHRTDNKVHM GDLVPLEQE MAKEDPVCAP ESMGSEDMLF MLYTSGSTGM PKGIVHTQAG YLLYAALTHK LVFDHQPGDI FGCVADIGWI TGHSYVVYGP LCNGATSVLF ESTPVYPNAG RYWETVERLK INQFYGAPTA VRLLLKYGDA WVKKYDRSSL RTLGSVGEPI NCEAWEWLHR VVGDSRCTLV DTWWQTETGG ICIAPRPSEE GAEILPAMAM RPFPGIVPVL MDEKGSVVEG SNVSGALCIS QAWPGMARTI YGDHQRFDVA YFKAYPGYYF TGDGAYRTEG GYYQITGRMD DVINISGHRL GTAEIEDAIA DHPAVPESAV IGYPHDIKGE AAFAFIVVKD SAGSDVVVQ ELKSMVATKI AKYAVPDEIL VVKRLPKTRS GKVMRLLRK IITSEAQELG DTTTLEDPSI IAEILSVYQK CKDKQAAAK
<b>Source</b>	Baculovirus
<b>Target Names</b>	ACSS1
<b>Protein Names</b>	Recommended name: Acetyl-coenzyme A synthetase 2-like, mitochondrial EC= 6.2.1.1 Alternative name(s): Acetate--CoA ligase 2 Acetyl-CoA synthetase 2 Short name= AceCS2 Acyl-CoA synthetase short-chain family member 1
<b>Expression Region</b>	38-689
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full Length of Mature Protein
<b>Target Details</b>	An acetyl-CoA synthetase found in the mitochondrial matrix has been characterized in both cow and mouse. It is primarily a cardiac enzyme which produces acetyl-CoA mainly for the oxidation of acetate. This protein is



structurally similar to the cow and mouse proteins and therefore may serve a similar function in humans.

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**Reconstitution**

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. 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%. Customers could use it as reference.

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**Shelf Life**

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