



# Recombinant Escherichia coli Acetyl-coenzyme A synthetase (acs)

<b>Product Code</b>	CSB-EP001203ENV
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	P27550
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Escherichia coli (strain K12)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MSQIHKHTIP ANIADRCLIN PQQYEAMYQQ SINVPDTFWG EQGKILDWIK PYQKVKNTSF APGNVSIKWY EDGTLNLAAN CLDRHLQENG DRTAIWEGD DASQSKHISY KELHRDVCRF ANTLLELGK KGDVVAIYMP MVPEAAVAML ACARIGAVHS VIFGGFSPEA VAGRIIDSNS RLVITSDEGV RAGRSIPLKK NVDDALKNPN VTSVEHVVL KRTGGKIDWQ EGRDLWWHDL VEQASDQHQA EEMNAEDPLF ILYTSGSTGK PKGVLHTTGG YLVYAALTFK YVFDYHPGDI YWCTADVGWV TGHSYLLYGP LACGATLMF EGVPNWPTPA RMAQVVDKHQ VNILYTAPTA IRALMAEGDK AIEGTRSSL RILGSVGEPI NPEAWEWYWK KIGNEKCPVV DTWWQTETGG FMITPLPGAT ELKAGSATRP FFGVQPALVD NEGNPLEGAT EGSLVITDSW PGQARTLFGD HERFEQTYFS TFKNMYFSGD GARRDEDGYY WITGRVDDVL NVSGHRLGTA EIESALVAHP KIAEAAVGI PHNIKGQAIY AYVTLNHGEE PSELYAEVR NWRKEIGPL ATPDVLHWTD SLPKTRSGKI MRRILRKIAA GDTSNLGDTS TLADPGVVEK LLEEKQAIAM PS
<b>Source</b>	E.coli
<b>Target Names</b>	acs
<b>Protein Names</b>	Recommended name: Acetyl-coenzyme A synthetase Short name= Acs EC= 6.2.1.1 Alternative name(s): Acetate--CoA ligase Acyl-activating enzyme
<b>Expression Region</b>	1-652
<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 protein
<b>Reconstitution</b>	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.
<b>Shelf Life</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.