



Recombinant Escherichia coli Acetyl-coenzyme A synthetase (acs)

Product Code	CSB-YP001203ENV
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P27550
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli (strain K12)
Purity	>85% (SDS-PAGE)
Sequence	MSQIHKHTIP ANIADRCLIN PQQYEAMYQQ SINVPDTFWG EQGKILDWIK PYQKVKNTSF APGNVSIKWY EDGTLNLAAN CLDRHLQENG DRTAIWEGD DASQSKHISY KELHRDVCRF ANTLLELGIK 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 KIAEAAVVGI PHNIKGQAIY AYVTLNHGEE PSPELYAEVR NWRKEIGPL ATPDVLHWTD SLPKTRSGKI MRRILRKIAA GDTSNLGDTS TLADPGVVEK LLEEKQAIAM PS
Source	Yeast
Target Names	acs
Protein Names	Recommended name: Acetyl-coenzyme A synthetase Short name= Acs EC= 6.2.1.1 Alternative name(s): Acetate--CoA ligase Acyl-activating enzyme
Expression Region	1-652
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
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.
Shelf Life	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.