



Recombinant Human Long-chain-fatty-acid--CoA ligase ACSBG2 (ACSBG2)

Product Code	CSB-EP685911HU
Abbreviation	ACSBG2
Storage	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.
Uniprot No.	Q5FVE4
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	MTGTPKTQEG AKDLEVDMNK TEVTPRLWTT CRDGEVLLRL SKHGPGHETP MTIPEFFRES VNRFGTYPAL ASKNGKKWEI LNFNQYYEAC RKAASLIKL GLERFHGVGI LGFNSAEWFI TAVGAILAGG LCVGIYATNS AEVCQYVITH AKVNILLVEN DQQLQKILSI PQSSLEPLKA IIQYRLPMKK NNNLYSWDDF MELGRSIPDT QLEQVIESQK ANQCAVLIYT SGTGIPKGV MLSHDNITWI AGAVTKDFKL TDKHETVVS Y LPLSHIAAQM MDIWVPIKIG ALTYFAQADA LKGTLVSTLK EVKPTVFIGV PQIWEKIH E M VKKNSAKSMG LKKKAFVWAR NIGFKVNSKK MLGKYNT PVS YRMAKTLVFS KVKTS LGLDH CHSFISGTAP LNQETAEFFL SLDIPIGELY GLSESSGPHT ISNQNNYRLL SCGKILTGCK NMLFQQNKDG IGEICLWGRH IFMGYLESET ETTEAIDDEG WLHSGDLGQL DGLGFLYVTG HIKEILITAG GENVPPIPVE TLVKKKIPII SNAMLVGDKL KFLSMLLTLK CEMNQMSGEP LDKLNFEAIN FCRGLGSQAS TVTEIVKQQD PLVYKAIQQG INAVNQEAMN NAQRIEKWVI LEKDFSIIYGG ELGPMMKLKR HFVAQKYKKQ IDHMYH
Source	E.coli
Target Names	ACSBG2
Protein Names	Recommended name: Long-chain-fatty-acid--CoA ligase ACSBG2 EC= 6.2.1.3 Alternative name(s): Acyl-CoA synthetase bubblegum family member 2 Bubblegum-related protein PRTD-NY3
Expression Region	1-666
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.