



Recombinant Acyl-CoA dehydrogenase, short-chain specific

Product Code	CSB-YP313283MQR
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	Q06319
Product Type	Recombinant Protein
Immunogen Species	Megasphaera elsdenii
Purity	>85% (SDS-PAGE)
Sequence	MDFNLTDIQQ DFLKLAHDFG EKKLAPTVTE RDHKGIIYDKE LIDELLSLGI TGAYFEEKYG GSGDDGGDVL SYILAVEELA KYDAGVAITL SATVSLCANP IWQFGTEAQK EKFLVPLVEG TKLGAFGLTE PNAGTDASGQ QTIATKNDG TYTLNGSKIF ITNGGAADIY IVFAMTDKSK GNHGITAFIL EDGTPGFYTG KKEDKMGIIHT SQTMELVFQD VKVPAENMLG EEGKGFKIAM MTLDGGRIGV AAQALGIAEA ALADAVEYSK QRVQFGKPLC KFQSFKLA DMKMQIEAAR NLVYKAACKK QEGKPFTVDA AIAKRVASDV AMRVTTTEAVQ IFGGYGYSEE YPVARHMRDA KITQIYEGTN EVQLMVTGGA LLR
Source	Yeast
Protein Names	Recommended name: Acyl-CoA dehydrogenase, short-chain specific EC= 1.3.8.1 Alternative name(s): Butyryl-CoA dehydrogenase Short name= BCAD SCAD
Expression Region	1-383
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.