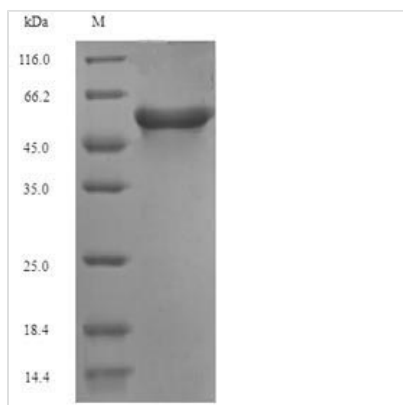




Recombinant Rat Acetyl-CoA carboxylase 1 (Acaca), partial

Product Code	CSB-EP001119RA
Relevance	Catalyzes the rate-limiting reaction in the biogenesis of long-chain fatty acids. Carries out three functions: biotin carboxyl carrier protein, biotin carboxylase and carboxyltransferase.
Abbreviation	Recombinant Rat Acaca protein, partial
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.	P11497
Alias	ACC-alpha
Product Type	Recombinant Protein
Immunogen Species	Rattus norvegicus (Rat)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	VIEKVLIANNGIAAVKCMRSIRRWSYEMFRNERAIRFVVMVTPEDLKANAHEYIK MADHYVPVPGGANNNNYANVELILDIKRIPVQAVWAGWGHASENPKLPPELLL KNGIAFMGPPSQAMWALGDKIASSIVAQTAGIPTLPWSGSGRLRVDWQENDFS KRILNVPQDLYEKG YVKD VDDGLKAAEEVGYPVMIKASEGGGGKGIRKVNAD DFPNLFRQVQAEVPGSPIFVMRLAKQSRHLEVQILADQYGNALSLFGRDCSVQ RRHQKIIIEEAPAAIATPAVFEHMEQCAVKLAKMVG YVSAGTVEYLYSQDGSFY FLELNRLQVEHPCTEMVADVNLPAQLQIAMGIPLFRIKDIRMMYGVSPWGD APIDFENSAHVPCPRGHVIAARITSENPDGFKPSSGTVQELNFRSNKNVWGY FSVAAAGGLHEFADSQFGHCFSWGENREEAISNMVVALKELSIRGDFRTTVEY LIKLLETESFQLNRIDTGWLDRLIA
Research Area	Cancer
Source	E.coli
Target Names	Acaca
Expression Region	116-617aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-tagged
Mol. Weight	59.8kDa
Protein Length	Partial
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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.