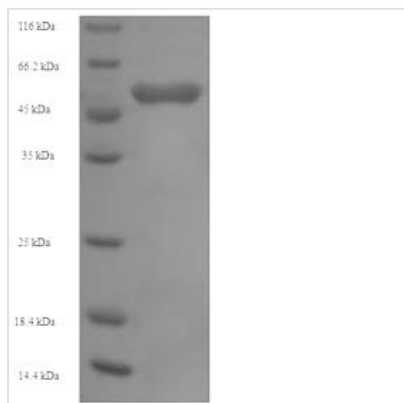




Recombinant Human Succinyl-CoA:3-ketoacid-coenzyme A transferase 1, mitochondrial (OXCT1)

Product Code	CSB-EP017306HU
Relevance	Key enzyme for ketone body catabolism. Transfers the CoA moiety from succinate to acetoacetate. Formation of the enzyme-CoA intermediate proceeds via an unstable anhydride species formed between the carboxylate groups of the enzyme and substrate.
Abbreviation	Recombinant Human OXCT1 protein
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.	P55809
Alias	3-oxoacid CoA-transferase 1 Somatic-type succinyl-CoA:3-oxoacid CoA-transferase ;SCOT-s
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	TKFYTDPVEAVKIDPDGATVLVGGFGLCGIPENLIDALLKTGVKGLTAVSNNAG VDNFGLGLLLRSKQIKRMVSSYVGENAEFERQYLSGELEVELTPQGTLAERIR AGGAGVPAFYTPGTGYGTLVQEGGSPIKYNKDGSVAIASKPREVREFNGQHFIL EEAITGDFALVKAWKADRAGNVIFRKSARNFNLMCKAAETTVVEVEEIVDIGA FAPEDIHIPQIYVHRLIKGEKEYEKRIERLSIRKEGDGEAKSAKPGDDVRERIIKRA ALEFEDGMYANLIGIGIPLLASNFISPINITVHLQSENGVLGLGPYPRQHEADADLI NAGKETVTILPGASFFSSDESFAMIRGGHVDLTMLGAMQVSKYGDLANWMIP GKMVKGMGGAMDLVSSAKTKVVVTMEHSAKGNNAHKIMEKCTLPLTGKQCVN RIITEKAVFDVDKKGKGLTLIELWEGLTVDDVQKSTGCDFAVSPKLMMPMQQIAN
Research Area	Cancer
Source	E.coli
Target Names	OXCT1
Expression Region	40-520aa
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	56.1kDa
Protein Length	Full Length of Mature Protein
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.