Recombinant Human OXCT1 protein, His-tagged

Cat. No. OXCT1-3312H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human OXCT1 protein(P55809)(40-520aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	40-520aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	56.1 kDa
AA Sequence	TKFYTDPVEAVKDIPDGATVLVGGFGLCGIPENLIDALLKTGVKGLTAVSNNAGVDNF GLGLLLRSKQIKRMVSSYVGENAEFERQYLSGELEVELTPQGTLAERIRAGGAGVPA FYTPTGYGTLVQEGGSPIKYNKDGSVAIASKPREVREFNGQHFILEEAITGDFALVKA WKADRAGNVIFRKSARNFNLPMCKAAETTVVEVEEIVDIGAFAPEDIHIPQIYVHRLIK GEKYEKRIERLSIRKEGDGEAKSAKPGDDVRERIIKRAALEFEDGMYANLGIGIPLLAS NFISPNITVHLQSENGVLGLGPYPRQHEADADLINAGKETVTILPGASFFSSDESFAMI RGGHVDLTMLGAMQVSKYGDLANWMIPGKMVKGMGGAMDLVSSAKTKVVVTMEH SAKGNAHKIMEKCTLPLTGKQCVNRIITEKAVFDVDKKKGLTLIELWEGLTVDDVQKS TGCDFAVSPKLMPMQQIAN

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	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%.

GENE INFORMATION

Gene Name	OXCT1 3-oxoacid CoA transferase 1 [Homo sapiens]
Official Symbol	OXCT1
Synonyms	OXCT1; 3-oxoacid CoA transferase 1; 3 oxoacid CoA transferase , OXCT; succinyl-CoA:3-ketoacid-coenzyme A transferase 1, mitochondrial; SCOT; SCOT-s; 3-oxoacid-CoA transferase 1; succinyl CoA:3-oxoacid CoA transferase; succinyl-CoA:3-ketoacid-CoA transferase; somatic-type succinyl CoA:3-oxoacid CoA-transferase; somatic-type succinyl-CoA:3-oxoacid-CoA-transferase; OXCT;
Gene ID	5019
mRNA Refseq	NM_000436
Protein Refseq	NP_000427
MIM	601424
UniProt ID	P55809

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