

Recombinant Human OXCT1 protein, His-tagged

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

SPECIFICATION

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| 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 FYTPTGYGTLVQEGGSPIKYKNDGSVAIASKPREVREFNGQHFILEEAITGDFALVKA WKADRAGNVIFRKSARNFNLPCKAAETTVVEVEEIVDIGAFAPEDIHIPQIYVHRLIK GEKEYEKRIERLSIRKEGDGEAKSAKPGDDVRERIIRAALFEDGMYANLGIGIPLLAS NFISPNITVHLQSENGVLGLGPYPRQHEADADLINAGKETVTILPGASFFSSDESFAMI RGGHVDLTMLGAMQVSKYGDLANWMIPGKVMVKGMMGAMDLVSSAKTKVVVTMEH SAKGNAHKIMEKCTLPLTGKQCVNRIITEKAVFDVDKKGKGLTIELWEGLTVDDVQKS TGCDFAVSPKLMPPMQQIAN |

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| 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

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| 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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