Recombinant Human OXCT1 Protein (Thr40-Leu489), His tagged

Cat. No. OXCT1-4777H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human OXCT1 (Thr40-Leu489) fused with His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Thr40-Leu489
Description	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.
Form	Lyophilized powder/frozen liquid
Molecular Mass	50.99 kDa
Purity	>90% as determined by SDS-PAGE.
Notes	For research use only.
Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the

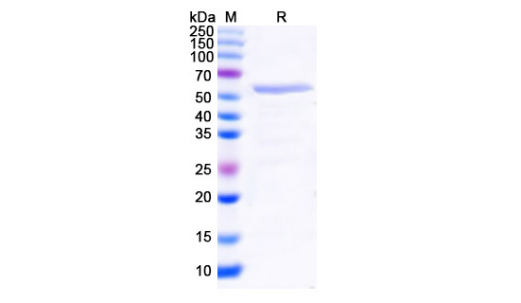
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	date of receipt.
Storage Buffer	Lyophilized from a solution in PBS, pH 7.4, 0.02% NLS, 1mM EDTA, 4% Trehalose, 1% Mannitol.
Reconstitution	Reconstitute in sterile water for a stock solution.
Shipping	They are shipped out with dry ice/blue ice unless customers require otherwise.

GENE INFORMATION

Gene Name	OXCT1 3-oxoacid CoA transferase 1 [Homo sapiens (human)]
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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SDS-PAGE	

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