

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

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

## SPECIFICATION

<b>Product Overview</b>	Recombinant human OXCT1 (Thr40-Leu489) fused with His tag was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	Thr40-Leu489
<b>Description</b>	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.
<b>Form</b>	Lyophilized powder/frozen liquid
<b>Molecular Mass</b>	50.99 kDa
<b>Purity</b>	>90% as determined by SDS-PAGE.
<b>Notes</b>	For research use only.
<b>Storage</b>	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.
<b>Storage Buffer</b>	Lyophilized from a solution in PBS, pH 7.4, 0.02% NLS, 1mM EDTA, 4% Trehalose, 1% Mannitol.
<b>Reconstitution</b>	Reconstitute in sterile water for a stock solution.
<b>Shipping</b>	They are shipped out with dry ice/blue ice unless customers require otherwise.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	<a href="#">OXCT1 3-oxoacid CoA transferase 1 [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	<a href="#">OXCT1</a>
<b>Synonyms</b>	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;
<b>Gene ID</b>	<a href="#">5019</a>
<b>mRNA Refseq</b>	<a href="#">NM_000436</a>
<b>Protein Refseq</b>	<a href="#">NP_000427</a>
<b>MIM</b>	<a href="#">601424</a>
<b>UniProt ID</b>	<a href="#">P55809</a>

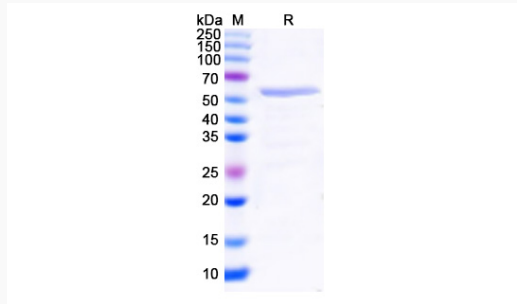
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SDS-PAGE



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