

## Recombinant Mouse Oxct1 Protein, Myc/DDK-tagged

Cat. No. Oxct1-4631M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Purified recombinant protein of mouse full-length 3-oxoacid CoA transferase 1 (Oxct1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<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>Molecular Mass</b>	56 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>Storage</b>	Store at -80 centigrade after receiving vials.
<b>Concentration</b>	>50 µg/mL as determined by microplate BCA method
<b>Storage Buffer</b>	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

## GENE INFORMATION

<b>Gene Name</b>	Oxct1 3-oxoacid CoA transferase 1 [ Mus musculus (house mouse) ]
<b>Official Symbol</b>	Oxct1
<b>Synonyms</b>	OXCT1; 3-oxoacid CoA transferase 1; succinyl-CoA:3-ketoacid-coenzyme A transferase 1, mitochondrial; 3-oxoacid-CoA transferase 1; succinyl-CoA:3-ketoacid CoA transferase; somatic-type succinyl CoA:3-oxoacid CoA-transferase; somatic-type succinyl-CoA:3-oxoacid CoA-transferase; Oxct; Oxct2a; Scot-s; 2610008O03Rik
<b>Gene ID</b>	67041
<b>mRNA Refseq</b>	NM_024188
<b>Protein Refseq</b>	NP_077150
<b>UniProt ID</b>	Q9D0K2

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA