

Recombinant Mouse Oxct1 Protein, Myc/DDK-tagged

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

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length 3-oxoacid CoA transferase 1 (Oxct1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
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.
Molecular Mass	56 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	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  Fax: 1-631-938-8127

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

GENE INFORMATION

Gene Name	Oxct1 3-oxoacid CoA transferase 1 [Mus musculus (house mouse)]
Official Symbol	Oxct1
Synonyms	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
Gene ID	67041
mRNA Refseq	NM_024188
Protein Refseq	NP_077150
UniProt ID	Q9D0K2

 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