

Recombinant Mouse Them4 Protein, Myc/DDK-tagged

Cat. No. Them4-6408M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length thioesterase superfamily member 4 (Them4), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Has acyl-CoA thioesterase activity towards medium and long-chain (C14 to C18) fatty acyl-CoA substrates, and probably plays a role in mitochondrial fatty acid metabolism. Plays a role in the apoptotic process, possibly via its regulation of AKT1 activity.
Molecular Mass	26.5 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.

GENE INFORMATION

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Gene Name	Them4 thioesterase superfamily member 4 [Mus musculus (house mouse)]
Official Symbol	Them4
Synonyms	THEM4; thioesterase superfamily member 4; carboxyl-terminal modulator protein; 2700077M13Rik; 4921507I02Rik
Gene ID	75778
mRNA Refseq	NM_029431
Protein Refseq	NP_083707
UniProt ID	Q3UUI3

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