Recombinant Mouse Decr1 Protein, Myc/DDK-tagged

Cat. No. Decr1-2516M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length 2,4-dienoyl CoA reductase 1, mitochondrial (Decr1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Auxiliary enzyme of beta-oxidation. It participates in the metabolism of unsaturated fatty enoyl-CoA esters having double bonds in both even- and odd-numbered positions in mitochondria. Catalyzes the NADP-dependent reduction of 2,4-dienoyl-CoA to yield trans-3-enoyl-CoA.
Molecular Mass	36.2 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.

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GENE INFORMATION

Gene Name	Decr1 2,4-dienoyl CoA reductase 1, mitochondrial [Mus musculus (house mouse)]
Official Symbol	Decr1
Synonyms	DECR1; 2,4-dienoyl CoA reductase 1, mitochondrial; 2,4-dienoyl-CoA reductase, mitochondrial; 4-enoyl-CoA reductase; Decr; Nadph; 1200012F07Rik
Gene ID	67460
mRNA Refseq	NM_026172
Protein Refseq	NP_080448
UniProt ID	Q9CQ62

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