Recombinant Mouse Cers2 Protein, Myc/DDK-tagged

Cat. No. Cers2-2121M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length ceramide synthase 2 (Cers2), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Ceramide synthase that catalyzes formation of ceramide from sphinganine and acyl-CoA substrates, with high selectivity toward very-long (C22:0-C24:0) chain as acyl donor.
Molecular Mass	45 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	Cers2 ceramide synthase 2 [Mus musculus (house mouse)]
Official Symbol	Cers2
Synonyms	Cers2; ceramide synthase 2; L; Cer; Trh; TRH3; Lass2; AI225939; 0610013I17Rik; ceramide synthase 2; LAG1 homolog, ceramide synthase 2; LAG1 longevity assurance homolog 2; TRAM homolog 3; longevity assurance homolog 2; sphingosine N-acyltransferase CERS2; translocating chain-associating membrane protein homolog 3; EC 2.3.1.24
Gene ID	76893
mRNA Refseq	NM_029789
Protein Refseq	NP_084065
UniProt ID	Q924Z4

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