

Recombinant Mouse Cers4 Protein, Myc/DDK-tagged

Cat. No. Cers4-2123M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length ceramide synthase 4 (Cers4), 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 long and very-long chains (C18:0-C22:0) as acyl donor.
Molecular Mass	46.5 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	Cers4 ceramide synthase 4 [Mus musculus (house mouse)]
Official Symbol	Cers4
Synonyms	Cers4; ceramide synthase 4; L; Cer; Trh; Trh1; Lass4; 2900019C14Rik; ceramide synthase 4; LAG1 homolog, ceramide synthase 4; LAG1 longevity assurance homolog 4; TRAM homolog 1; longevity assurance homolog 4; sphingosine N-acyltransferase CERS4; translocating chain-associating membrane protein homolog 1; EC 2.3.1.24
Gene ID	67260
mRNA Refseq	NM_026058
Protein Refseq	NP_080334
UniProt ID	Q9D6J1

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