

Recombinant Human CERS4 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. CERS4-4824H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	LASS4 MS Standard C13 and N15-labeled recombinant protein (NP_078828) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	CERS4 (Ceramide Synthase 4) is a Protein Coding gene. Diseases associated with CERS4 include Fetal Akinesia Deformation Sequence 1. Among its related pathways are Sphingolipid signaling pathway and Sphingolipid metabolism. Gene Ontology (GO) annotations related to this gene include sphingosine N-acyltransferase activity. An important paralog of this gene is CERS2.
Molecular Mass	46.4 kDa
AA Sequence	MLSSFNEWFWQDRFWLPPNVTWTELEDRDGRVYPHPQDLLAALPLALVLLAMRLA FERFIGLPLSRWLGVDRDQTRRQVKPNATLEKHFLTEGHRPKEPQLSLLAAQCGLTLQ QTQRWFRRRRNQDRPQLTKKFCEASWRFLFYLSFVGGLSVLYHESWLWAPVMC WDRYPNQTCLKPSLYWWYLLELGFYLSLLIRLPFDVVKRKDFKEQVIHHFVAVILMTFSY SANLLRIGSLVLLLDSSDYLLLEACKMVNYMQYQQVCDALFLIFSFFVFFYTRLVLFPT QILYTTYYESISNRGPFFGYFFNGLLMLLQLLHVFWSCILRMLYSFMKKGQMEKDI RSDVEESDSSEEVAQAQEPLQLKNGAAGGPRPAPTDGPQSRVAGRLTNRHTTATT RTRPLEQKLISEEDLAANDILDYKDDDDKV

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Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

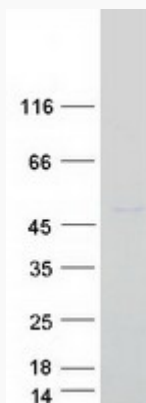
Gene Name	CERS4 ceramide synthase 4 [Homo sapiens (human)]
Official Symbol	CERS4
Synonyms	CERS4; ceramide synthase 4; LAG1 homolog, ceramide synthase 4, LAG1 longevity assurance homolog 4 (S. cerevisiae), LASS4; FLJ12089; Trh1; LAG1 homolog, ceramide synthase 4; LAG1 longevity assurance homolog 4; LASS4;
Gene ID	79603
mRNA Refseq	NM_024552
Protein Refseq	NP_078828
MIM	615334
UniProt ID	Q9HA82

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SDS-PAGE



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