

Recombinant Full Length Human CERS2 Protein, C-Flag-tagged

Cat. No. CERS2-1295HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human CERS2 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	This gene encodes a protein that has sequence similarity to yeast longevity assurance gene 1. Mutation or overexpression of the related gene in yeast has been shown to alter yeast lifespan. The human protein may play a role in the regulation of cell growth. Alternatively spliced transcript variants encoding the same protein have been described.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	44.7 kDa
AA Sequence	MLQTLYDYFWWERLWLPVNLTWADLEDGRVYAKASDLYITLPLALLFLIVRYFFE LYVATPLAALLNI KEKTRLRAPPNATLEHFYLTSGKQPKQVEVELLSRQSGLSGRQV ERWFRRRRRNQDRPSLLKKFREASWRF TFYLIAFIAGMAVIVDKPWFYDMKKVWEG YPIQSTIPSQYWYMIELSFYWLLFSIASDVKRKDFKEQI IHHVATIILISFSWFANYIR AGTLIMALHDSSDYLLESA KMFNYAGWKNTCNNIFIVFAIVFIITRLVIL PFWILHCTLV YPLELYPAFFGYFFNSMMGVLQLLHIFWAYLILRMAHKFITGKLVEDERSDREETES SE

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	GEEAAAGGGAKSRPLANGHPILNNNHRKNDTRTRPLEQKLISEEDLAANDILDYKDD DDKV
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.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Transcription Factors, Transmembrane
Full Length	Full L.

GENE INFORMATION

Gene Name	CERS2 ceramide synthase 2 [Homo sapiens (human)]
Official Symbol	CERS2
Synonyms	L3; LASS2; SP260; TMSG1
Gene ID	29956
mRNA Refseq	NM_181746.4

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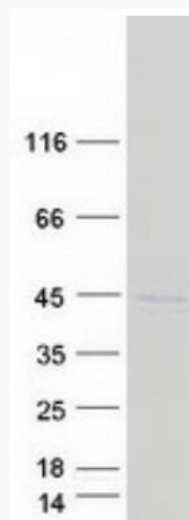
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Protein Refseq [NP_859530.1](#)

MIM [606920](#)

UniProt ID [Q96G23](#)



Coomassie blue staining of purified CERS2 protein.

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