Recombinant Human CERS2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. CERS2-1277H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	LASS2 MS Standard C13 and N15-labeled recombinant protein (NP_071358) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	44.9 kDa
AA Sequence	MLQTLYDYFWWERLWLPVNLTWADLEDRDGRVYAKASDLYITLPLALLFLIVRYFFE LYVATPLAALLNIKEKTRLRAPPNATLEHFYLTSGKQPKQVEVELLSRQSGLSGRQV ERWFRRRRNQDRPSLLKKFREASWRFTFYLIAFIAGMAVIVDKPWFYDMKKVWEGY PIQSTIPSQYWYYMIELSFYWSLLFSIASDVKRKDFKEQIIHHVATIILISFSWFANYIRA GTLIMALHDSSDYLLESAKMFNYAGWKNTCNNIFIVFAIVFIITRLVILPFWILHCTLVYP LELYPAFFGYYFFNSMMGVLQLLHIFWAYLILRMAHKFITGKLVEDERSDREETESSE GEEAAAGGGAKSRPLANGHPILNNNHRKNDTRTRPLEQKLISEEDLAANDILDYKDD DDKV

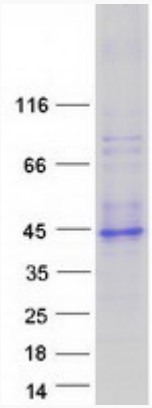
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

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	CERS2 ceramide synthase 2 [Homo sapiens (human)]
Official Symbol	CERS2
Synonyms	CERS2; ceramide synthase 2; LAG1 homolog, ceramide synthase 2, LAG1 longevity assurance homolog 2 (S. cerevisiae), LASS2, longevity assurance (LAG1, S. cerevisiae) homolog 2; FLJ10243; SP260; LAG1 longevity assurance 2; LAG1 homolog, ceramide synthase 2; tumor metastasis-suppressor gene 1 protein; longevity assurance (LAG1, S. cerevisiae) homolog 2; L3; LASS2; TMSG1; MGC987;
Gene ID	29956
mRNA Refseq	NM_022075
Protein Refseq	NP_071358
MIM	606920

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UniProt ID	Q96G23
SDS-PAGE	

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