

## Product datasheet for **TP315300M**

### Ceramide synthase 2 (CERS2) (NM\_181746) Human Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins

**Description:** Recombinant protein of human LAG1 homolog, ceramide synthase 2 (LASS2), transcript variant 1, 100 µg

**Species:** Human

**Expression Host:** HEK293T

**Expression cDNA Clone or AA Sequence:** >RC215300 protein sequence  
**Red**=Cloning site **Green**=Tags(s)

MLQTLYDYFWWERLWLPVNLTWADLEDRDGRVYAKASDLYITLPLALLFLIVRYFFELYVATPLAALLNI  
KEKTRLRAPPNATLEHFYLTSGKQPKQVEVELLSRQSGLSGRQVERWFRRRRNQDRPSLLKKFREASWRF  
TFYLIAFIAGMAVIVDKPWFYDMKKVWEGYPIQSTIPSQYWYMIELSFYWSLLFSIASDVKRKDFKEQI  
IHHVATIILISFSWFANYIRAGTLIMALHDSSDYLLSAAKMFNYAGWKNTCNNIFIVFAIVFITRLVIL  
PFWILHCTLVYPLELYPAFFGYFFNSMMGVLQLLHIFWAYLILRMAHKFITGKLVEDERSDREETESSE  
GEEAAAGGGAKSRPLANGHPILNNNHRKND

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

**Tag:** C-Myc/DDK

**Predicted MW:** 44.7 kDa

**Concentration:** >0.05 µg/µL as determined by microplate BCA method

**Purity:** > 80% as determined by SDS-PAGE and Coomassie blue staining

**Buffer:** 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

**Preparation:** Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

**Note:** For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

**Storage:** Store at -80°C.

**Stability:** Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

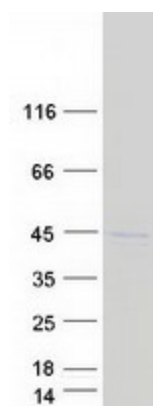
**RefSeq:** [NP\\_859530](#)



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Locus ID:	29956
UniProt ID:	<a href="#">Q96G23</a>
RefSeq Size:	2544
Cytogenetics:	1q21.3
RefSeq ORF:	1140
Synonyms:	L3; LASS2; SP260; TMSG1
Summary:	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. [provided by RefSeq, Jul 2008]
Protein Families:	Transcription Factors, Transmembrane

### Product images:



Coomassie blue staining of purified CERS2 protein (Cat# [TP315300]). The protein was produced from HEK293T cells transfected with CERS2 cDNA clone (Cat# [RC215300]) using MegaTran 2.0 (Cat# [TT210002]).