

Product datasheet for **TP303402M**

LASS4 (CERS4) (NM_024552) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human LAG1 homolog, ceramide synthase 4 (LASS4), 100 µg

Species: Human

Expression Host: HEK293T

**Expression cDNA Clone
or AA Sequence:** >RC203402 protein sequence
Red=Cloning site **Green**=Tags(s)

MLSSFNEFWQDRFWLPPNVTWTELEDRDGRVYPHPQDLLAALPLALVLLAMRLAFERFIGLPLSRWLGV
RDQTRRQVKPNATLEKHFLTEGHRPKPEQLSLLAAQCGLTLQQTQRWFRRRRNQDRPQLTKKFCEASWRF
LFYLSFFVGGLSVLYHESWLWAPVMCWD RYPNQTLKPSLYWWYLLLELGFYLSLLIRLPFDV KRKDFKEQV
IHHFVAVILMTFSYSANLLRIGSLVLLHDS DYLLEACKMVNYMQYQVCDALFLIFS FVFFYTRLVLF
PTQILYTTYYESISNRGPFPGYFFNGLLM LLLQLLHVFWSCILRMLYSFMKKGQMEKDIRSDVEESDSS
EEVAAAQEPLQLKNGAAGGPRPAPT DGPQSRVAGRLTNRH TTAT

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 46.2 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_078828](#)

Locus ID: 79603



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UniProt ID: [Q9HA82](#), [Q53HF9](#)

RefSeq Size: 1817

Cytogenetics: 19p13.2

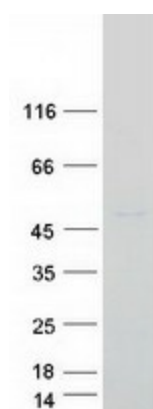
RefSeq ORF: 1182

Synonyms: LASS4; Trh1

Summary: May be either a bona fide (dihydro)ceramide synthase or a modulator of its activity. When overexpressed in cells is involved in the production of sphingolipids containing different fatty acid donors (N-linked stearyl- (C18) or arachidoyl- (C20) ceramides) in a fumonisin B1-independent manner (By similarity).[UniProtKB/Swiss-Prot Function]

Protein Families: Transcription Factors, Transmembrane

Product images:



Coomassie blue staining of purified CERS4 protein (Cat# [TP303402]). The protein was produced from HEK293T cells transfected with CERS4 cDNA clone (Cat# [RC203402]) using MegaTran 2.0 (Cat# [TT210002]).