

Product datasheet for **TP303402L**

LASS4 (CERS4) (NM_024552) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human LAG1 homolog, ceramide synthase 4 (LASS4), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC203402 protein sequence Red =Cloning site Green =Tags(s)

MLSSFNEWFWQDRFWLPPNVTWTELEDRDGRVYPHPQDLLAALPLALVLLAMRLAFERFIGLPLSRWLGV
RDQTRRQVKPNATLEKHFLTEGHRPKPEQLSLLAAQCGLTLQQTQRWFRRRRNQDRPQLTKKFCEASWRF
LFYLSFFVGGLSVLYHESWLWAPVMCWD RYPNQTLKPSLYWWYLLLELGFYLSLLIRLPFDV KRKDFKEQV
IHHFVAVILMTFSYSANLLRIGSLVLLHDSDDLLEACKMVNYMQYQVCDALFLFSVFFYTRLVLF
PTQILYTTYYESISNRGPFYFFNGLLMLLQLLHVFWSCILRMLYSFMKKGQMEKDIRSDVEESDSS
EEVAAAQEPLQLKNGAAGGPRPAPT DGPQSRVAGRLTNRH TTAT

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

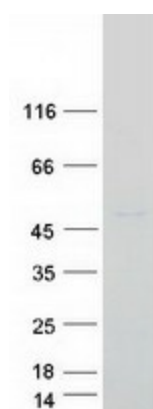
Tag:	C-Myc/DDK
Predicted MW:	46.2 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity 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:	<u>Q9HA82</u> , <u>Q53HF9</u>
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]).