

Product datasheet for TP307618L

LSAMP (NM_002338) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human limbic system-associated membrane protein (LSAMP), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC207618 protein sequence Red=Cloning site Green=Tags(s)

MVRRVQPDRKQLPLVLLRLLCLLPTGLPVRSVDFNRGTDNITVRQGDTAILRCVVEDKNSKVAWLNRSGI
 IFAGHDKWSLDPRVELEKRHSLEYSRLRIQKVDVYDEGSYTCVQTQHEPKTSQVYLIVQVPPKISNISSD
 VTVNEGSNVTLCMANGRPEPVITWRHLTPTGREFEGEEYLEILGITREQSGKYECKAANEVSSADVKQ
 VKVTVNYPPTITESKSNEATTGRQASLKCEASAVPAPDFEWYRDDTRINSANGLEIKSTEGQSSLTVTNV
 TEEHYGNYTCVAANKLGVTNASLVLFRLPGSVRGINGSISLAVPLWLLAASLLCLLSKC

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	34.1 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:	<u>NP_002329</u>
Locus ID:	4045


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UniProt ID: [Q13449](#)

RefSeq Size: 9478

Cytogenetics: 3q13.31

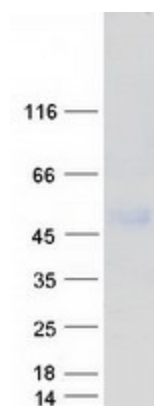
RefSeq ORF: 1014

Synonyms: IGLON3; LAMP

Summary: This gene encodes a member of the immunoglobulin LAMP, OBCAM and neurotrimin (IgLON) family of proteins. The encoded preproprotein is proteolytically processed to generate a neuronal surface glycoprotein. This protein may act as a selective homophilic adhesion molecule during axon guidance and neuronal growth in the developing limbic system. The encoded protein may also function as a tumor suppressor and may play a role in neuropsychiatric disorders. Alternative splicing results in multiple transcript variants, at least one of which encodes a preproprotein that is proteolytically processed. [provided by RefSeq, Jan 2016]

Protein Families: Transmembrane

Product images:



Coomassie blue staining of purified LSAMP protein (Cat# [TP307618]). The protein was produced from HEK293T cells transfected with LSAMP cDNA clone (Cat# [RC207618]) using MegaTran 2.0 (Cat# [TT210002]).