

## Product datasheet

# Recombinant Human LSAMP protein ab116727

### 1 图像

#### 概述

---

产品名称	重组人LSAMP蛋白
蛋白长度	Full length protein

#### 描述

---

性质	Recombinant
来源	Wheat germ

#### 氨基酸序列

Accession [Q13449](#)

种属 Human

序列  
 VRSVDFNRGTDNITVRQGDTAILRCVVEDKNSKVAWLNRSIIIFAGHDKW  
 SLDPRVELEKRHSLEYSRLRIQKVDVYDEGSYTCVQTQHEPKTSQVYLIV  
 QVPPKISNISSDVTVNEGSNVTLCMANGRPEPVITWRHLTPTGREFEGE  
 EEYLEILGITREQSGKYECKAANEVSSADVKQVKVTVNYPPTITESKSNE  
 ATTGRQASLKCEASAVPAPDFEWYRDDTRINSANGLEIKSTEGQSSLTVT  
 NVTEEHYGNITCVAANKLGVTNASLVLFRPGSVRGINGSISLAVPLWLLA  
 ASLLCLLSKC

分子量 60 kDa including tags

氨基酸 29 to 338

#### 技术指标

---

Our [Abpromise guarantee](#) covers the use of **ab116727** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用 SDS-PAGE

形式 Liquid

补充说明 Protein concentration is above or equal to 0.05 mg/ml.  
 This protein is best used within three months from the date of receipt.

#### 制备和贮存

---

## 稳定性和存储

Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles.

pH: 8.00

Constituents: 0.79% Tris HCl, 0.3% Glutathione

## 常规信息

### 功能

Mediates selective neuronal growth and axon targeting. Contributes to the guidance of developing axons and remodeling of mature circuits in the limbic system. Essential for normal growth of the hippocampal mossy fiber projection.

### 组织特异性

Expressed on limbic neurons and fiber tracts as well as in single layers of the superior colliculus, spinal chord and cerebellum.

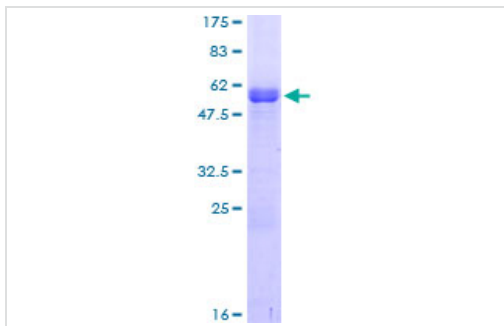
### 序列相似性

Belongs to the immunoglobulin superfamily. IgLON family.  
Contains 3 Ig-like C2-type (immunoglobulin-like) domains.

### 细胞定位

Cell membrane.

## 图片



12.5% SDS-PAGE of ab116727 stained with Coomassie Blue.

SDS-PAGE - LSAMP protein (ab116727)

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

## Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <http://www.abcam.cn/abpromise> or contact our technical team.

## Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors