

# Recombinant Human SPG21/Maspardin protein ab86438

画像数 1

### 製品の詳細

製品名	Recombinant Human SPG21/Maspardin protein
精製度	> 95 % SDS-PAGE. ab86438 is purified using conventional chromatography techniques.
発現系	Escherichia coli
アクセッション番号	<b><u>Q9NZD8</u></b>
タンパク質長	Full length protein
Animal free	No
由来	Recombinant
生物種	Human
配列	MGSSHHHHHH SSGLVPRGSH MGEIKVSPDY NWFRGTVPLK KIIVDDDDSK IWSLYDAGPR SIRCPLIFLP PVSQTADVFF RQILALTGWG YRVIALQYPV YWDHLEFCDG FRKLLDHLQL DKVHLFGASL GGFLAQKFAE YTHKSPRVHS LILCNSFSDT SIFNQWTWTAN SFWLMPAFML KKIVLGNFSS GPVDPMMADA IDFMVDRLES LGQSELASRL TLNCQNSYVE PHKIRDIPVT IMDVFDQSAL STEAKEEMYK LYPNARRAHL KTGGNFPYLC RSAEVNLYVQ IHLLQFHGTK YAAIDPSMVS AEELEVQKGS LGISQEEQ
領域	1 to 308

### 特性

Our **Abpromise guarantee** covers the use of **ab86438** in the following tested applications.

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

アプリケーション	SDS-PAGE
製品の状態	Liquid
備考	Endotoxin Level: < 1.0 EU per 1 µg of protein (determined by LAL method). This product was previously labelled as SPG21

## 前処理および保存

### 保存方法および安定性

Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

pH: 8.00

Constituent: 0.316% Tris HCl

## 関連情報

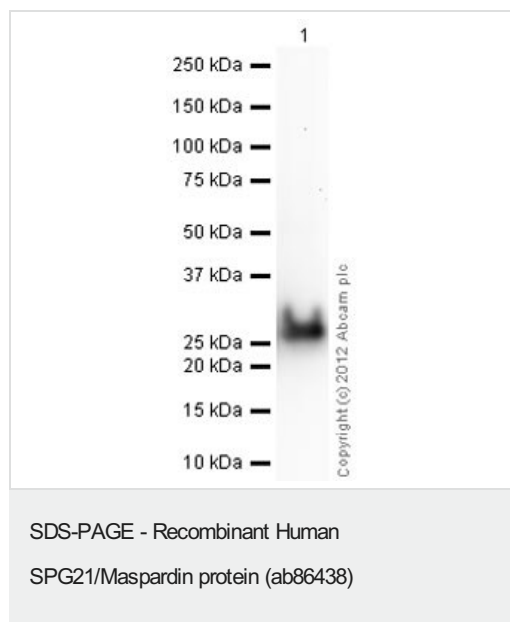
### 関連性

Defects in SPG21 are the cause of Mast syndrome, an autosomal recessive hereditary spastic paraplegia with dementia and other CNS abnormalities (SPG21). Present at high frequency among the Old Order Amish. Subtle childhood abnormalities may be present, but the main features develop in early adulthood. The disease is slowly progressive, and cerebellar and extrapyramidal signs are also found in patients with advanced disease. Patients have a thin corpus callosum and white matter abnormalities. The protein encoded by this gene was identified by a two hybrid screen using CD4 as the bait. It binds to the hydrophobic C terminal amino acids of CD4 which are involved in repression of T cell activation. The interaction with CD4 is mediated by the noncatalytic alpha/beta hydrolase fold domain of this protein. It is thus proposed that this gene product modulates the stimulatory activity of CD4.

### 細胞内局在

Cytoplasm; cytosol. Membrane; peripheral membrane protein.

## 画像



15% SDS-PAGE showing ab86438 at approximately 37.1kDa (3μg).

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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