

Recombinant Human SPG21/Maspardin protein ab86438

1 图像

描述	
产品名称	重组人SPG21/Maspardin蛋白
纯度	> 95 % SDS-PAGE. ab86438 is purified using conventional chromatography techniques.
表达系统	Escherichia coli
Accession	<u>Q9NZD8</u>
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
种属	Human
序列	MGSSHHHHHH SSGLVPRGSH MGEIKVSPDY NWFRGTVPLK KIIVDDDDSK IWSLYDAGPR SIRCPLIFLP PVSQTADVFF RQILALTGWG YRVIALQYPV YWDHLEFCDG FRKLLDHLQL DKVHLFGASL GGFLAQKFAE YTHKSPRVHS LILCNSFSDT SIFNQWTAN SFWLMPAFML KKIVLGNFSS GPVDPMMADA IDFMVDRLES LGQSELASRL TLNCQNSYVE PHKIRDIPVT IMDVFDQSAL STEAKEEMYK LYPNARRAHL KTGGNFPYLC RSAEVNLYVQ IHLLQFHGTK YAAIDPSMVS AEELEVQKGS LGISQEEQ
氨基酸	1 to 308

技术指标	
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.	
应用	SDS-PAGE
形式	Liquid
补充说明	Endotoxin Level: < 1.0 EU per 1 µg of protein (determined by LAL method). This product was previously labelled as SPG21

制备和贮存

稳定性和存储

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

常规信息

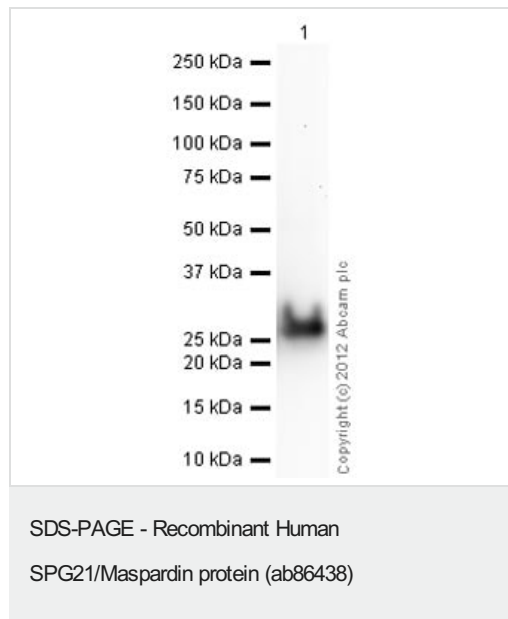
相关性

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.

细胞定位

Cytoplasm; cytosol. Membrane; peripheral membrane protein.

图片



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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