

本公司提供的电子版说明书仅供参考，实验请以收到的纸质手册为准。

SPG21, 1-308 aa, Human, His-tagged, Recombinant, E.coli

产品货号: TP04012

第三版

别名: ACP33, BM-019, GL010, Maspardin, MAST, Spastic paraplegia 21 isoform a Acid cluster protein 33, BM019, Spastic paraplegia 21 autosomal recessive Mast syndrome protein, SPG21.

描述: Spastic paraplegia 21 (SPG21), also known as Maspardin, binds to the hydrophobic C-terminal amino acids of CD4 and may play a role as a negative regulatory factor in CD4-dependent T-cell activation. This protein is widely expressed in various tissues including heart, brain, placenta, lung, liver, skeletal muscle, kidney and pancreas. Mutations in SPG21 cause Mast syndrome, an autosomal-recessive complicated form of hereditary spastic paraplegia characterized by dementia, thin corpus callosum and white matter abnormalities. Recombinant human SPG21 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.

配方: Liquid. In 20 mM Tris-HCl buffer (pH 8.0)

分子量: 37.1 kDa (328aa), confirmed by MALDI-TOF.

序列:

MGSSHHHHHSSGLVPRGSHMGEIKVSPDYNWFRGTVPLKKIIVDDDDSKIWSLYDAGPRSRICPLIFLPPVSGTADVFFR
QILALTGWGYRVIALQYPVYWDHLEFCDFRKLDDHLQLDKVHLFGASLGGFLAQKFAEYTHKSPRVHSLILCNSFSDTSIF
NQTWTANSFWLMPAFMLKKIVLGNFSSGPDPMADAIIDFMVDRLESLGQSELASRLTLNCQNSYVEPHKIRDIPVTIMD
VFDQSALSTEAKEEMYKLYPNARRAHLKTGGNFPYLCRSAEVNLYVQIHLLQFHGTYAAIDPSMVSAEELEVQKGSGLGIS
QEEQ

纯度: > 95% by HPLC

浓度: 1 mg/ml (determined by Bradford assay)

内毒素: <1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.