Recombinant Human SPG21 Protein, MYC/DDK-tagged

Cat. No. SPG21-2568H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SPG21 protein, fused to MYC/DDK-tagged at C-terminus, was expressed in HEK293.
Species	Human
Source	HEK293
Description	The protein encoded by this gene 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. Mutations in this gene are associated with autosomal recessive spastic paraplegia 21 (SPG21), also known as mast syndrome. Alternative splicing results in multiple transcript variants.
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	34.8 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

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Gene Name	SPG21 spastic paraplegia 21 (autosomal recessive, Mast syndrome) [Homo sapiens]
Official Symbol	SPG21
Synonyms	ACP33; BM-019; GL010; MAST
Gene ID	51324
mRNA Refseq	NM_001127889
Protein Refseq	NP_001121361
MIM	608181
UniProt ID	Q9NZD8

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