

ALS2 抗原（重组蛋白）

中文名称：ALS2 抗原（重组蛋白）

英文名称：ALS2 Antigen (Recombinant Protein)

别名：amyotrophic lateral sclerosis 2 (juvenile); ALSJ; PLSJ; IAHP; ALS2CR6

储存：冷冻（-20℃）

相关类别：抗原

概述：

Fusion protein corresponding to C terminal 250 amino acids of human ALS2

技术规格：

Full name:	amyotrophic lateral sclerosis 2 (juvenile)
Synonyms:	ALSJ; PLSJ; IAHP; ALS2CR6
Swissprot:	Q96Q42
Gene Accession:	BC029174
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	The protein encoded by this gene contains an ATS1/RCC1-like domain, a RhoGEF domain, and a vacuolar protein sorting 9 (VPS9) domain, all of which are guanine-nucleotide exchange factors that activate members of the Ras superfamily of GTPases. The protein functions as a guanine nucleotide exchange factor for the small GTPase RAB5. The protein localizes with RAB5 on early endosomal compartments, and functions as a modulator for endosomal dynamics. Mutations in this gene result in several forms of juvenile lateral sclerosis and infantile-onset ascending spastic paralysis. Multiple transcript variants encoding different isoforms have been found for this gene.

