

Recombinant Human ALS2

Catalog No: #GP11020



Package Size: #GP11020-1 100ug

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Description

Product Name	Recombinant Human ALS2
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to C terminal 250 amino acids of human amyotrophic lateral sclerosis 2 (juvenile)
Target Name	amyotrophic lateral sclerosis 2 (juvenile)
Other Names	ALSJ; PLSJ; IAHP; ALS2CR6
Accession No.	Swissprot:Q96Q42Gene Accession:BC029174
Uniprot	Q96Q42
GenID	57679;
Storage	-20~-80°C, pH 7.6 PBS

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.

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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