

Recombinant Human ALS2CR11 Protein, GST-tagged

Cat. No. ALS2CR11-499H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ALS2CR11 full-length ORF (AAH30659.1, 1 a.a. - 623 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	An autosomal recessive form of juvenile amyotrophic lateral sclerosis was originally mapped to a region of chromosome 2 that includes this gene. The encoded protein contains a calcium-dependent membrane targeting C2 domain. This domain is often found in proteins that are involved in membrane trafficking and signal transduction. [provided by RefSeq, Jun 2016]
Molecular Mass	97.5 kDa
AA Sequence	MEPPQETNRPFSTLDNRSGQVQVLSATPLLQRNPYSSPDIMHIKGSEASSVPYALN QGTTALPKNKNQEGTGHRLNMLRKTLLKESDSEELITQETPNLVPGDVVGCLGIHI KNCRHFMKISLQHYANLFIKISINKAVKCTKMCSLLSKNDEKNTVIKFDEVKYFSVQV PRRYDDKRNNILLELIQYDNREKRAFLGVSQIHLVEVIQKGCIEEVQVLHGNIFVCR LEVEFMFSYGNFGYGFHQKPLQKITEPSMFMNLAPPPERTDPVTKVITPQTVEYP AFLSPDLNVTVGTPAVQSSNQPSVVRLEKLQQQPRERLEKMKKEYRNLTWIDKAN YLESILMPKLEHKDSEETNIDEASENTKSNQPEEELENIVGVDIPLVNEEAETTANELL DNDSEKGLTIPTLNQSDQDNSTADASKNDESTPSPTEVHSLCTISNQETIKAGRIPPL GERQSESMPDRKMKNVFFPLEVKLKDNYPSILKADSSLSEVAFSPKEYNSPSFRPEY

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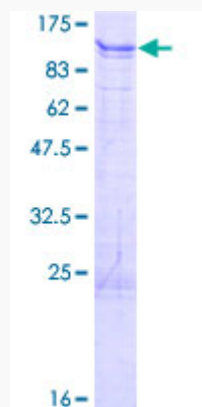
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	IEFKPKFQDCSDKFEDLHDMTSFTHLKKVKSRSRLLGKSSDDIHNHARHSARPYTAP EVNKQRESYSGKFTSRMVSSGLVHINDKTSYEMHKMRPKKIKRGY
Applications	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein); Antibody Production; Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	ALS2CR11 amyotrophic lateral sclerosis 2 (juvenile) chromosome region, candidate 11 [Homo sapiens]
Official Symbol	ALS2CR11
Synonyms	ALS2CR11; amyotrophic lateral sclerosis 2 (juvenile) chromosome region, candidate 11; amyotrophic lateral sclerosis 2 chromosomal region candidate gene 11 protein; FLJ25351; FLJ40332; DKFZp686H0636;
Gene ID	151254
mRNA Refseq	NM_001168216
Protein Refseq	NP_001161688
UniProt ID	Q53TS8

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12.5% SDS-PAGE Stained with Coomassie Blue.

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