

Recombinant Full Length Human ALS2CR11 Protein, GST-tagged

Cat. No. ALS2CR11-1490HF **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	In Vitro Cell Free System
ProteinLength	623 amino acids
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	MEPPQETNRP FSTLDNRSGQ VQVLSATPLL QRNPYSSPDI MHIKGSEASS VPYALNQGT ALPKNKNQEG TGHRLNMLR KTLKESDSEE LEITQETPNL VPFGDVVGCL GIHIKNCRHF MPKISLQHYA NLFIRISINK AVKCTKMCSL LSKNDEKNTV IKFDEVKYFS VQVPRRYDDK RNNILLELIQ YDNREKRAFL LGSVQIHLVE VIQKGCFIEE VQVLHGNIFV CRLEVEFMFS YGNFGYGFSL QLKPLQKITE PSMFMNLAPP PERTDPVTKV ITPQTVEYPA FLSPDLNVT GTPAVQSSNQ PSVVRLEKLQ QQPRERLEKM KKEYRNLNTW IDKANYLES

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LMPKLEHKDS EETNIDEASE NTKSNQPEEE LENIVGVDIP LVNEEAETTA
 NELLDNDSEK GLTIPTLNQS DQDNSTADAS KNDESTPSPT EVHSLCTISN
 QETIKAGRIP PLGERQSESM PDRKMKNVFF PLEVKLKDNV PSILKADSSL
 SEVAFSPKEY NSPSFRPEYI EFKPKFQDCS DKFEDLHDMT SFTHLKKVKS
 RSRLLGKSSD DIHNHARHSA RPYTAPEVNK QRESYSGKFT SRRMVSSGLV
 HINDKTSDEY MHKMRPKKIK RGY

Applications

Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein);
 Antibody Production; Protein Array

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

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MIM	619776
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UniProt ID	Q53TS8
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