ALS2 C-Terminal-Like Protein (ALS2CL) Human Recombinant Protein

PRODUCT OVERVIEW

Product Name	ALS2 C-terminal-like protein (ALS2CL), Recombinant Protein
Full Product Name	Recombinant Human ALS2 C-terminal-like protein (ALS2CL) , partial
Product Gene Name	ALS2CL recombinant protein
Product Synonym Gene Name	ALS2CL
Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.
Molecular Weight	34,998 Da
Tag Information	This protein contains an N-terminal tag and may also contain a C-terminal tag. Tag types are determined by various factors including tag-protein stability, please inquire for tag information.
Sterility	Sterile filter available upon request.
Endotoxin	Low endotoxin available upon request.
OMIM	612402
3D Structure	ModBase 3D Structure for Q60I27
Species	Human
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for ALS2CL recombinant protein	MBS1330992 is a recombinant protein targeting ALS2CL. Also known as Recombinant Human ALS2 C-terminal-like protein (ALS2CL) , partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of ALS2CL recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for ALS2CL. It may not necessarily be applicable to this product.

NCBI GI #	299523224
NCBI GeneID	259173
NCBI Accession #	NP_001177636.1
UniProt Primary Accession #	Q60I27
UniProt Secondary Accession #	Q32MA1; Q6AI56; Q6ZNC5; Q6ZNC7; Q6ZTL4; Q86YD2; Q8N9U1; Q8NAL7
UniProt Related Accession #	Q60I27
GenBank Nucleotide #	NM_001190707.1

NCBI Official Full Name	ALS2 C-terminal-like protein isoform 1
NCBI Official Synonym Full Names	ALS2 C-terminal like
NCBI Official Symbol	ALS2CL
NCBI Official Synonym Symbols	RN49018
UniProt Protein Name	ALS2 C-terminal-like protein
Protein Family	ALS2 C-terminal-like protein
UniProt Gene Name	ALS2CL
NCBI Protein Information	ALS2 C-terminal-like protein
UniProt Comments for ALS2CL	Acts as a guanine nucleotide exchange factor (GEF) for Rab5 GTPase. Regulates the ALS2-mediated endosome dynamics.
Research Articles on ALS2CL	**1.** This supports the notion that de novo mutations in ALS2CL are extremely rare in schizophrenia
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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