Sarcalumenin (SRL) Mouse Recombinant Protein

PRODUCT OVERVIEW

Product Name	Sarcalumenin (Srl), Recombinant Protein
Full Product Name	Recombinant Mouse Sarcalumenin (Srl) , partial
Product Gene Name	Srl recombinant protein
Product Synonym Gene Name	Srl
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	54,287 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.
3D Structure	ModBase 3D Structure for Q7TQ48
Species	Mouse
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Srl recombinant protein	MBS1400905 is a recombinant protein targeting Srl. Also known as Recombinant Mouse Sarcalumenin (Srl) , partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of Srl 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 Srl. It may not necessarily be applicable to this product.

NCBI GI #	1102835201
NCBI GeneID	106393
NCBI Accession #	NP_001334091.1
UniProt Primary Accession #	Q7TQ48
UniProt Secondary Accession #	Q8BS43; A6H5Y7
UniProt Related Accession #	Q7TQ48
GenBank Nucleotide #	NM_001347162.1
NCBI Official Full Name	sarcalumenin isoform 2
NCBI Official Synonym Full Names	sarcalumenin

NCBI Official Symbol	Srl
NCBI Official Synonym Symbols	sar; AW108387; 9830004M20Rik
UniProt Protein Name	Sarcalumenin
Protein Family	Sarcalumenin
UniProt Gene Name	Srl
UniProt Synonym Gene Names	Sar
NCBI Protein Information	sarcalumenin
UniProt Comments for Srl	May be involved in the regulation of calcium transport.
Research Articles on Srl	**1.** Results indicated that sine oculis homeobox 1 (Six1) overexpression could significantly promote the expression of fast-type muscle genes Atp2a1, Srl, and Mylpf.
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