Leucine-Rich Repeat, Immunoglobulin-Like Domain and Transmembrane Domain-Containing Protein 1 (LRIT1) Mouse Recombinant Protein

PRODUCT OVERVIEW

Product Name	Leucine-rich repeat, immunoglobulin-like domain and transmembrane domain-containing protein 1 (Lrit1), Recombinant Protein
Full Product Name	Recombinant Mouse Leucine-rich repeat, immunoglobulin-like domain and transmembrane domain-containing protein 1 (Lrit1), partial
Product Gene Name	Lrit1 recombinant protein
Product Synonym Gene Name	Lrit1
Sequence	CC GALRRRCHKC RTGGSAEASG AYVNLERLGH SEDSSEVLSR SSLSEGDRLL SARSSLDSQV LGVRGGRRIN EYFC
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	68,464 Da
Sequence Positions	549-624
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 Q8K099
Species	Mouse
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Lrit1 recombinant protein	MBS1348112 is a recombinant protein targeting Lrit1. Also known as Recombinant Mouse Leucine-rich repeat, immunoglobulin-like domain and transmembrane domain-containing protein 1 (Lrit1), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of Lrit1 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 Lrit1. It may not necessarily be applicable to this product.

NCBI GI #	158517913
NCBI GeneID	239037
NCBI Accession #	NP_666357.2
UniProt Primary Accession #	Q8K099

UniProt Secondary Accession #	Q8BXN3
UniProt Related Accession #	Q8K099
GenBank Nucleotide #	NM_146245.2
NCBI Official Full Name	leucine-rich repeat, immunoglobulin-like domain and transmembrane domain-containing protein 1
NCBI Official Synonym Full Names	leucine-rich repeat, immunoglobulin-like and transmembrane domains 1
NCBI Official Symbol	Lrit1
NCBI Official Synonym Symbols	Lrrc21; BC032270
UniProt Protein Name	Leucine-rich repeat, immunoglobulin-like domain and transmembrane domain-containing protein 1
UniProt Synonym Protein Names	Leucine-rich repeat-containing protein 21; Photoreceptor-associated LRR superfamily protein; Retina-specific protein PAL
Protein Family	Leucine-rich repeat, immunoglobulin-like domain and transmembrane domain-containing protein
UniProt Gene Name	Lrit1
UniProt Synonym Gene Names	Lrrc21; Pal
NCBI Protein Information	leucine-rich repeat, immunoglobulin-like domain and transmembrane domain-containing protein 1
UniProt Comments for Lrit1	Possible role in phototransduction.
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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