LACTB Human Recombinant Protein

PRODUCT OVERVIEW

Product Name	LACTB, Recombinant Protein
Full Product Name	Recombinant Human LACTB
Product Gene Name	LACTB recombinant protein
Product Synonym Names	G24; lactamase; beta; LACTB; MRPL56
Host	E coli
Form/Format	Lyophilized from a 0.2 um filtered solution in 10 mM Hepes, 500 mM NaCl with 5% trehalose, pH7.4
Purity/Purification	Greater than 95% as determined by SDS-PAGE
Preparation and Storage	The lyophilized protein is stable at -20 degree C for up to 1 year, the protein solution can be stored at 2-8 degree C for up to 1 week. For extended storage, it is recommended to further dilute in a buffer containing 0.1% BSA (make sure BSA will NOT interfere with your experiment) and store in working aliquots at -20 degree C to -80 degree C for 6 months. Avoid repeated freeze/thaw cycle.
Molecular Weight	41,239 Da
Sequence Positions	359-547
OMIM	608440
3D Structure	ModBase 3D Structure for P83111
Species	Human
Tag	N-terminal His-IF2DI
Reconstitution	Centrifuge the vial prior to opening, reconstitute in sterile distilled water or buffer of interest to concentration of 0.1-1mg/ml by gently pipetting 2-3 times, don't vortex
ISO Certification	Manufactured in an ISO 13485:2003 and EN ISO 13485:2012 Certified Laboratory.
Applications Tested/Suitable for LACTB recombinant protein	Western Blot (WB), ELISA (EIA)
Related Product Information for LACTB recombinant protein	MBS7617481 is a recombinant protein targeting LACTB. Also known as Recombinant Human LACTB. Host: E coli.
Other Notes	Small volumes of LACTB 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 LACTB. It may not necessarily be applicable to this product.

NCBI GI #	26051231
NCBI GeneID	114294
NCBI Accession #	NP_116246
UniProt Primary Accession #	P83111
UniProt Secondary Accession #	P83096

UniProt Related Accession #	P83111
GenBank Nucleotide #	NM_032857
NCBI Official Full Name	serine beta-lactamase-like protein LACTB, mitochondrial isoform a
NCBI Official Synonym Full Names	lactamase, beta
NCBI Official Symbol	LACTB
NCBI Official Synonym Symbols	G24; MRPL56
UniProt Protein Name	Serine beta-lactamase-like protein LACTB, mitochondrial
Protein Family	Serine beta-lactamase-like protein
UniProt Gene Name	LACTB
UniProt Synonym Gene Names	MRPL56
UniProt Entry Name	LACTB_HUMAN
NCBI Protein Information	serine beta-lactamase-like protein LACTB, mitochondrial; mitochondrial 39S ribosomal protein L56
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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