Lactotransferrin (LTF), Partial (LTF) Camelus Dromedarius Recombinant Protein

PRODUCT OVERVIEW

Product Name	Lactotransferrin (LTF), partial, Recombinant Protein
Full Product Name	Recombinant Camelus dromedarius Lactotransferrin (LTF), partial
Product Gene Name	LTF recombinant protein
Product Synonym Names	Lactotransferrin; Lactoferrin; EC=3.4.21.-
Sequence	VRWCTTSPAE SSKCAQWQRR MKKVRGPSVT CVKKTSRFEC IQAISTEKAD AVTLDGGLVY DAGLDPYKLR PIAAEVYGTE NNPQTHYYAV AIAKKGTNFQ LNQLQGLKSC HTGLGRSAGW NIPMGLLRPF LDWTGPPEPL QKAVAKFFSA SCVPCVDGKE YPNLCQLCAG TGENKCACSS QEPYFGYSGA FKCLQDGAGD VAFVKDSTVF ESLPAKADRD QYELLCPNNT RKPVDAFQEC HLARVPSHAV VARSVNGKED LIWKLLVKAQ EKFGRGKPSG FQLFGSPAGQ KDLLFKDSAL GLLRISSKID SGLYLGSNYI TAIRGLRE
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	77,211 Da
Sequence Positions	25-352. Partial, provide the Transferrin-like 1 Domain
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 Q9TUM0
Species	Camelus dromedarius (Dromedary) (Arabian camel)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for LTF recombinant protein	MBS1358254 is a recombinant protein targeting LTF. Also known as Recombinant Camelus dromedarius Lactotransferrin (LTF), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of LTF 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 LTF. It may not necessarily be applicable to this product.

NCBI GI #	13431954
NCBI Accession #	Q9TUM0.1
UniProt Primary Accession #	Q9TUM0
UniProt Secondary Accession #	Q9MZS5
NCBI Official Full Name	Lactotransferrin

UniProt Protein Name	Lactotransferrin
Protein Family	L-shaped tail fiber protein
UniProt Gene Name	LTF
UniProt Synonym Gene Names	Lactoferrin
UniProt Entry Name	TRFL_CAMDR
UniProt Comments for LTF	Transferrins are iron binding transport proteins which can bind two Fe3+ ions in association with the binding of an anion, usually bicarbonate.
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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