Alpha-Defensin 14 (DEFA14) Mouse Recombinant Protein

PRODUCT OVERVIEW

Product Name	Alpha-defensin 14 (Defa14), Recombinant Protein
Full Product Name	Recombinant Mouse Alpha-defensin 14 (Defa14), partial
Product Gene Name	Defa14 recombinant protein
Sequence	LRDLVCYCRT RGCKRRERMN GTCRKGHLMH TLCCR
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	9,589 Da
Sequence Positions	51-85aa, Cytoplasmic 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 P50712
Species	Mouse
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Defa14 recombinant protein	MBS1244748 is a recombinant protein targeting Defa14. Also known as Recombinant Mouse Alpha-defensin 14 (Defa14), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of Defa14 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 Defa14. It may not necessarily be applicable to this product.

NCBI GI #	2829410
NCBI Accession #	P50712.2
UniProt Primary Accession #	P50712
NCBI Official Full Name	Alpha-defensin 14
UniProt Protein Name	Alpha-defensin 14
UniProt Synonym Protein Names	Defensin-related cryptdin-14
Protein Family	Alpha-defensin
UniProt Gene Name	Defa14

UniProt Synonym Gene Names	Defcr14
UniProt Comments for Defa14	Probably contributes to the antimicrobial barrier function of the small bowel mucosa.
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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