Beta-Defensin 50 (DEFB50) Rat Recombinant Protein

PRODUCT OVERVIEW

Product Name	Beta-defensin 50 (Defb50), Recombinant Protein
Full Product Name	Recombinant Rat Beta-defensin 50 (Defb50)
Product Gene Name	Defb50 recombinant protein
Product Synonym Gene Name	Defb50
Sequence	HPGTVHVRFK CIPKIAAVFG DNCPFYGNVD GLCNDKKSVC CMVPVRLDNI
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	7,900 Da
Sequence Positions	24-73, full length protein
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 Q30KJ2
Species	Rat
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Defb50 recombinant protein	MBS1309987 is a recombinant protein targeting Defb50. Also known as Recombinant Rat Beta-defensin 50 (Defb50). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of Defb50 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 Defb50. It may not necessarily be applicable to this product.

NCBI GI #	82830451
NCBI GeneID	641639
NCBI Accession #	NP_001032602.1
UniProt Primary Accession #	Q30KJ2
UniProt Related Accession #	Q30KJ2
GenBank Nucleotide #	NM_001037513.1
NCBI Official Full Name	beta-defensin 50

NCBI Official Synonym Full Names	defensin beta 50
NCBI Official Symbol	Defb50
UniProt Protein Name	Beta-defensin 50
UniProt Synonym Protein Names	Defensin, beta 50
Protein Family	Beta-defensin
UniProt Gene Name	Defb50
UniProt Synonym Gene Names	BD-50
NCBI Protein Information	beta-defensin 50
UniProt Comments for Defb50	Has bactericidal activity.
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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