Bifunctional Enzyme Nane/Nank (nanEK) Brucella Suis Biovar 1 Recombinant Protein

PRODUCT OVERVIEW

Product Name	Bifunctional enzyme NanE/NanK (nanEK), Recombinant Protein
Full Product Name	Recombinant Brucella suis biovar 1 Bifunctional enzyme NanE/NanK (nanEK), partial
Product Gene Name	nanEK recombinant protein
Product Synonym Gene Name	nanEK
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	53,867 Da
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 Q8FWN5
Species	Brucella suis biovar 1 (strain 1330)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for nanEK recombinant protein	MBS1478832 is a recombinant protein targeting nanEK. Also known as Recombinant Brucella suis biovar 1 Bifunctional enzyme NanE/NanK (nanEK), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of nanEK 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 nanEK. It may not necessarily be applicable to this product.

NCBI GI #	29427804
NCBI Accession #	Q8FWN5.1
UniProt Primary Accession #	Q8FWN5
UniProt Secondary Accession #	G0KCE9
NCBI Official Full Name	Bifunctional enzyme NanE/NanK
UniProt Protein Name	Bifunctional enzyme NanE/NanK
UniProt Synonym Protein Names	Putative N-acetylmannosamine-6-phosphate 2-epimerase (EC:5.1.3.9)Alternative name(s):ManNAc-6-P epimerase
Protein Family	Bifunctional enzyme
UniProt Gene Name	nanEK

UniProt Comments for nanEK	Converts N-acetylmannosamine-6-phosphate (ManNAc-6-P) to N-acetylglucosamine-6-phosphate (GlcNAc-6-P).
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