Uracil-DNA Glycosylase (ung) Chlamydia Trachomatis Serovar L2 Recombinant Protein

PRODUCT OVERVIEW

Product Name	Uracil-DNA glycosylase (ung), Recombinant Protein
Full Product Name	Recombinant Chlamydia trachomatis serovar L2 Uracil-DNA glycosylase (ung)
Product Gene Name	ung recombinant protein
Sequence	MHEAFTIEQL PPSWQEQLKD EWSQPYWSQL LAFLKSEYAQ AKIYPKKENI FAALRSTPFD QVRVVILGQD PYHGEGQAHG LSFSVPRGQA LPPSLRNIFQ ELHTDLGIRN ESGCLQAWAD QGVLLLNTVL TVRAGEAFSH AGRGWERFTD AIVTKLIQNR THVIFVLWGN AARQKCNLLF QTKHQHAVLA CPHPSPLAAH RGFFGCCHFS KINYLLKKQG KTMINWKIE
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	26,071 Da
Sequence Positions	1-229, 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 B0B8I2
Species	Chlamydia trachomatis serovar L2 (strain 434/Bu / VR-902B)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for ung recombinant protein	MBS1228288 is a recombinant protein targeting ung. Also known as Recombinant Chlamydia trachomatis serovar L2 Uracil-DNA glycosylase (ung). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of ung 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 ung. It may not necessarily be applicable to this product.

NCBI GI #	497558987
NCBI Accession #	WP_009873171.1
UniProt Primary Accession #	B0B8I2
GenBank Nucleotide #	WP_009873171.1
NCBI Official Full Name	uracil-DNA glycosylase
UniProt Protein Name	Uracil-DNA glycosylase

Protein Family	Probable uracil-DNA glycosylase
UniProt Gene Name	ung
UniProt Synonym Gene Names	UDG
UniProt Comments for ung	Excises uracil residues from the DNA which can arise as a result of misincorporation of dUMP residues by DNA polymerase or due to deamination of cytosine.
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