Uracil-DNA Glycosylase (ung) Chromobacterium Violaceum Recombinant Protein

PRODUCT OVERVIEW

Product Name	Uracil-DNA glycosylase (ung), Recombinant Protein
Full Product Name	Recombinant Chromobacterium violaceum Uracil-DNA glycosylase (ung)
Product Gene Name	ung recombinant protein
Product Synonym Gene Name	ung; CV_0232
Product Synonym Names	Uracil-DNA glycosylase; UDG; EC=3.2.2.27
Sequence	MTYLAPALAR IHPDWEAVLD QAAVAARLAE IDRLLVLQQQ DGKTLFPPPP QVFNALAFAA PADVKVVILG QDPYHGDGEA MGLSFSVPDG ARVPPSLRNI YKELAADLGL GVPASGDLTH WAQQGVLLLN SVLTVERDKA GSHGKLGWQT VSDALIDAVN RDNPGCVFLL WGNWAQTKAE RIDASRHLVL TAAHPSPLSA SRGFHGCRHF SQVNAWLIAR GRQPVRWATA PAAQSCLF
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	25,642 Da
Sequence Positions	1-238aa; 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 Q7P1I1
Species	Chromobacterium violaceum (strain 12472 / DSM 30191 / JCM 1249 / NBRC 12614 / NCIMB 9131 / 9757)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for ung recombinant protein	MBS1465975 is a recombinant protein targeting ung. Also known as Recombinant Chromobacterium violaceum 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 #	34495687
NCBI GeneID	2547018
NCBI Accession #	NP_899902.1
UniProt Primary Accession #	Q7P1I1

UniProt Related Accession #	Q7P1I1
GenBank Nucleotide #	NC_005085.1
NCBI Official Full Name	uracil-DNA glycosylase
NCBI Official Symbol	ung
UniProt Protein Name	Uracil-DNA glycosylase
Protein Family	Probable uracil-DNA glycosylase
UniProt Gene Name	ung
UniProt Synonym Gene Names	UDG
UniProt Entry Name	UNG_CHRVO
NCBI Protein Information	uracil-DNA glycosylase
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.
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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