Recombinant Borrelia burgdorferi Uracil-DNA glycosylase (ung)

Product Code	CSB-MP025641BUD
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O51082
Product Type	Recombinant Protein
Immunogen Species	Borrelia burgdorferi (strain ATCC 35210 / B31 / CIP 102532 / DSM 4680)
Purity	>85% (SDS-PAGE)
Sequence	MKVKIEESWK EVLNNEFNKE YFKKLVKFIK HEYKTKNGKI FPPPKLIFNA FNSLPFKDIK VVIIGQDPYH GKNQANGLAF SVDSKIKIPP SLQNIFKEIE KSLKIKTIPN GDLKRWAIQG VFLINTILTV EEGKPSSHKA IGWEIFTDEV IKIISKNLKN IVFMLWGNLA RSKKGLIDPT KHLILETSHP SPYSANNGFL GSNHFSSALD YLKKHNKNII NFQ
Source	Mammalian cell
Target Names	ung
Protein Names	Recommended name: Uracil-DNA glycosylase Short name= UDG EC= 3.2.2.27
Expression Region	1-223
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.