Recombinant Mouse Deoxyribonuclease gamma (Dnase1l3)

Product Code	CSB-EP007052MO-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O55070
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	>85% (SDS-PAGE)
Sequence	LRLCS FNVRSFGASK KENHEAMDII VKIIKRCDLI LLMEIKDSSN NICPMLMEKL NGNSRRSTTY NYVISSRLGR NTYKEQYAFV YKEKLVSVKT KYHYHDYQDG DTDVFSREPF VVWFHSPFTA VKDFVIVPLH TTPETSVKEI DELVDVYTDV RSQWKTENFI FMGDFNAGCS YVPKKAWQNI RLRTDPKFVW LIGDQEDTTV KKSTSCAYDR IVLCGQEIVN SVVPRSSGVF DFQKAYDLSE EEALDVSDHF PVEFKLQSSR AFTNNRKSVS LKKRKKGNRS
Source	E.coli
Target Names	Dnase1l3
Protein Names	Recommended name: Deoxyribonuclease gamma Short name= DNase gamma EC= 3.1.21.- Alternative name(s): DNase I homolog protein DHP2 Deoxyribonuclease I-like 3 Short name= DNase I-like 3 Liver and spleen DNase Short na
Expression Region	26-310
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 of Mature Protein
Target Details	This gene encodes a member of the DNase family. The protein hydrolyzes DNA, is not inhibited by actin, and mediates the breakdown of DNA during apoptosis. Alternate transcriptional splice variants of this gene have been observed but have not been thoroughly characterized.
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.