



Recombinant Human Nuclease EXOG, mitochondrial (EXOG)

Product Code	CSB-EP896487HU-B
Abbreviation	EXOG
Storage	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.
Uniprot No.	Q9Y2C4
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	QGAEGALTG KQPDGSAEKA VLEQFGFPLT GTEARCYTNH ALSYDQAKRV PRWVLEHISK SKIMGDADRK HCKFKPDPNI PPTFSAFNED YVGSWWSRGGH MAPAGNNKFS SKAMAETFYL SNIVPQDFDN NSGYWNRIEM YCRELTERFE DVWVVSGLPT LPQTRGDGKK IVSYQVIGED NVAVPSHLYK VILARRSSVS TEPLALGAFV VPNEAIGFQP QLTEFQVSLQ DLEKLSGLVF FPHLDRTSDI RNICSVDTCK LLDFQEFTLY LSTRKIEGAR SVLRLEKIME NLKNAEIEPD DYFMSRYEKK LEELKAKEQS GTQIRKPS
Source	E.coli
Target Names	EXOG
Protein Names	Recommended name: Nuclease EXOG, mitochondrial EC= 3.1.30.- Alternative name(s): Endonuclease G-like 1 Short name= Endo G-like 1
Expression Region	42-368
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 an endo/exonuclease with 5'-3' exonuclease activity. The encoded enzyme catalyzes the hydrolysis of ester linkages at the 5' end of a nucleic acid chain. This enzyme is localized to the mitochondria and may play a role in programmed cell death. Alternatively spliced transcript variants have been described. A pseudogene exists on chromosome 18.
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

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