



# Recombinant Human Nuclease EXOG, mitochondrial (EXOG)

<b>Product Code</b>	CSB-MP896487HU
<b>Abbreviation</b>	EXOG
<b>Storage</b>	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.
<b>Uniprot No.</b>	Q9Y2C4
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	QGAEGALTG KQPDGSAEKA VLEQFGFPLT GTEARCYTNH ALSYDQAKRV PRWVLEHISK SKIMGDADRK HCKFKPDPNI PPTFSAFNED YVGSWWSRGH MAPAGNNKFS SKAMAETFYL SNIVPQDFDN NSGYWNRIEM YCRELTERFE DVWVVSGLPT LPQTRGDGKK IVSYQVIGED NVAVPSHLYK VILARRSSVS TEPLALGAFV VPNEAIGFQP QLTEFQVSLQ DLEKLSGLVF FPHLDRTSDI RNICSVDTCK LLDFQEFTLY LSTRKIEGAR SVLRLEKIME NLKNAEIEPD DYFMSRYEKK LEELKAKEQS GTQIRKPS
<b>Source</b>	Mammalian cell
<b>Target Names</b>	EXOG
<b>Protein Names</b>	Recommended name: Nuclease EXOG, mitochondrial EC= 3.1.30.- Alternative name(s): Endonuclease G-like 1 Short name= Endo G-like 1
<b>Expression Region</b>	42-368
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full Length of Mature Protein
<b>Target Details</b>	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.
<b>Reconstitution</b>	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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