



Recombinant *Saccharomyces cerevisiae* N-glycosylase/DNA lyase (OGG1)

Product Code	CSB-YP346458SVG
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.	P53397
Product Type	Recombinant Protein
Immunogen Species	<i>Saccharomyces cerevisiae</i> (strain ATCC 204508 / S288c) (Baker's yeast)
Purity	>85% (SDS-PAGE)
Sequence	MSYKFGKLAI NKSELCLANV LQAGQSFRWI WDEKLNQYST TMKIGQQEKY SVVILRQDEE NEILEFVAVG DCGNQDALKT HLMKYFRLDV SLKHLFDNVW IPSDKAFAKL SPQGIRILAQ EPWETLISFI CSSNNNISRI TRMCNSLCSN FGNLITTIDG VAYHSFPTSE ELTSRATEAK LRELGFYRA KYIETARKL VNDKAEANIT SDDTYLQSIK KDAQYEDVRE HLMSYNGVGP KVADCVCLMG LHMDGIVPVD VHVSRIAKRD YQISANKNHL KELRTKYNAL PISRKKINLE LDHIRLMLFK KWGSYAGWAQ GVLFSKEIGG TSGSTTTGTI KKRKWDMIKE TEAIVTKQMK LKVELSDLHI KEAKID
Source	Yeast
Target Names	OGG1
Protein Names	Recommended name: N-glycosylase/DNA lyase Including the following 2 domains: 8-oxoguanine DNA glycosylase EC= 3.2.2.- DNA-(apurinic or apyrimidinic site) lyase Short name= AP lyase EC= 4.2.99.18
Expression Region	1-376
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.