



Recombinant *Oryza sativa* subsp. japonica Chlorophyll (ide) b reductase NOL, chloroplastic (NOL)

Product Code	CSB-EP768013OFG
Abbreviation	NOL
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.	Q84ST4
Product Type	Recombinant Protein
Immunogen Species	<i>Oryza sativa</i> subsp. japonica (Rice)
Purity	>85% (SDS-PAGE)
Sequence	AEAVPG GGGVARRAAM VPPYNVLITG STKGIGYALA KEFLKAGDNV VICRSRAERV ESAVTDLKKE FGEQHVWGIV CDVREGKDVK ALVDFARDKM KYIDIWINNA GSNAYSYPKPL VETSDEALME VITTNTLGLM ICCREAINMM RNQPRGGHIF NIDGAGSDGR PTPRFAAYGA TKRSVVHLTK SLQAELQMNE VNNVMVHNLS PGMVTTDLLM SGATTKQAKF FINILAEPAN VVADYLVPI RAIPTNQSMK PTYIRFLTGL KAYSRIFSRI AFGARRNKYV AED
Source	E.coli
Target Names	NOL
Protein Names	Recommended name: Chlorophyll(ide) b reductase NOL, chloroplastic EC= 1.1.1.294 Alternative name(s): Protein NON-YELLOW COLORING 1-LIKE Short name= OsNOL Short name= Protein NYC1-LIKE Short-chain dehydrogenase/reductase NO
Expression Region	55-343
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
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.