



Recombinant Aliivibrio fischeri Yellow fluorescent protein (luxY)

Product Code	CSB-EP324217VDZ
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.	P21578
Storage Buffer	Lyophilized from Tris/PBS-based buffer, 6% Trehalose, pH 8.0
Product Type	Recombinant Proteins
Immunogen Species	Vibrio fischeri
Purity	>85% (SDS-PAGE)
Sequence	MFKGIVEGIG IIEKIDIYTD LDKYAIRFPE NMLNGIKKES SIMFNGCFLT VTSVNSNIVW FDIFEKEARK LDTFREYKVG DRVNLGTFFPK FGAASGGHIL SARISCVASI IEIENEDYQ QMWIQIPENF TEFLIDKDYI AVDGISLTID TIKNNQFFIS LPLKIAQNTN MKWRKKGDKV NVELSNKINA NQCW
Source	E.coli
Target Names	luxY
Protein Names	Recommended name: Yellow fluorescent protein Short name= YFP
Expression Region	1-194
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.