



Recombinant Phaeosphaeria nodorum Bifunctional lycopene cyclase/phytoene synthase (SNOG_00339)

Product Code	CSB-CF610792EUG
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	Q0V6M5
Product Type	Transmembrane Protein
Immunogen Species	Phaeosphaeria nodorum (strain SN15 / ATCC MYA-4574 / FGSC 10173) (Glume blotch fungus) (Parastagonospora nodorum)
Sequence	MGFDYAIHVHKYTIPPAVLLTLLYRPLFTKLDFAKVLFLVTVAVTATIPWDSYLIR TNIW SYPDHVVIGPTLLDIPLEEVFFFFIQTYNNTLLYLILSKPTFQPAYLRAGRPTASS PWKY QKLAGQLFLVGATVWAGLRVHENAKGYTGLIVVWAAPIILLQWTLAYQFILGL PWTNTV LPIAIPPLYLWLVDTLALRRGTWVISPGTKYGVHLWDGLEIEEALFFFVTNTLIV GQLA FDNALAVLYTFPALFPKPPSMPTPLDLINALWVSPYKYDRARLAGLQDAVLRK RKSRSF YLASATFPGPLRSLLLLYSFCRVADDLVDNAATAEEAKEWISKLHQYLDLVYS DAKSST VSEDFVQAHFPSDARSALLQLPAHKLPRQPLQDLLHGFEMDLAFNTSSPIKTE TDLRLYS ERVAGTVAQMCIELIFRLYPSNMTSGEERKVVDAGNQMGMALQYVNIARDISV DAHIGRV YLPLDWLQESGLTYDEVLSPEGARMESLRMRLLLEKAFSIYDGARGAIETLPVE ARGPIR VAVESYMEIGRTLRLQKGYTVRAGRATVSKWRRVIVAWRTLKNSIA
Source	in vitro E.coli expression system
Target Names	SNOG_00339
Protein Names	Recommended name: Bifunctional lycopene cyclase/phytoene synthase Including the following 2 domains: Lycopene beta-cyclase EC= 5.5.1.19 Alternative name(s): Lycopene cyclase Phytoene synthase EC= 2.5.1.32
Expression Region	1-585
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
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.