



Recombinant *Gibberella fujikuroi* Bifunctional lycopene cyclase/phytoene synthase (carRA)

Product Code	CSB-CF855519GGA
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	Q8X0Z1
Product Type	Transmembrane Protein
Immunogen Species	<i>Gibberella fujikuroi</i> (Bakanae and foot rot disease fungus) (<i>Fusarium fujikuroi</i>)
Sequence	<p>MGWEYAQVHLKYTIPFGVVLAAYRPLMSRLDVFKLVFLITVSFFWVVKGLEA NSCRLLL FLPCMLILRGVLLRLTNADSPWDSYLIKRNRIWYPPGVVGLTAWDIPAEELFFF VIQTF NTSLLYMILSKPTFHPIYLSKKTGWGKIAGQILFASAIIFGLVSVSSGGEGMYMG LILIW ACPFLLFLWSISYQFIVNLPWTNTALPIALPTLYLWVVDTFALRRGTWSITSGTK YGVVL WDGLEIEEAVFFLLTNTLIVFGLIACDNNLAILDTFPEHFPRTKGVPSLLTIIRTLIL PK EKYDEERIQGLVSAVALLRKKRSFYLASGTFEGRLRIDLIRLYAFCRAADDLVD EAPSV DDSRASIEKLRKFLDLAYEENQEEPSQRLREYVTSSIPEMFHMALLQLPTYYP KQPLDD LLKGFDTDLLFDRKSGAFPIETTEDLDIYGSRVAGTVAELCNHLILYHTPEAVPE DIQRE VVASGQEMGIALQYVNIARDIKTDAEIDRVYLPPLSWLKEAQLTPEDVIQQPHGP TIEALR HKLLDRAFEKYNMAKGAIKLPSEGKGPPIRVAVESYMEIGRVLREKGPMTMCKG RATVPKM RRIRVAWSALNK</p>
Source	in vitro E.coli expression system
Target Names	carRA
Protein Names	<p>Recommended name: Bifunctional lycopene cyclase/phytoene synthase Including the following 2 domains: Lycopene beta-cyclase EC= 5.5.1.19 Alternative name(s): Carotene cyclase Lycopene cyclase Phytoene synthase EC= 2.5.</p>
Expression Region	1-612
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.