

Recombinant Full Length Ustilago Maydis Bifunctional Lycopene Cyclase/Phytoene Synthase(Um06287) Protein, His-Tagged

Cat. No. RFL28458UF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Ustilago maydis Bifunctional lycopene cyclase/phytoene synthase(UM06287) Protein (Q4P0S6) (1-690aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Ustilago maydis
Source	E.coli
ProteinLength	Full Length (1-690)
Form	Lyophilized powder
AA Sequence	MTSLDEPSQDWPACTLSYRHFHLLWTLPCVGVLLVIARPFLTKLDRAKLILLPIIAFVW T TPWDNLIVRNRAWSYHRHCIWFTIGYVPIEEYFYFIIQSLISTLWCTLITRWTLPLNY LT PSTPARRPLAPFAVATCVVCFVLGLQASVPATHTYYFGMISWWSSMPLALLWG SIDFVR NMGVGAGFIPFAISVLGPTLYLWSSDIYALRRGTWHINQATSLNIFPIPDLP EEMLFFL VTNVILVSACFTFDRCVAICRLSAPDHQPPLSPSYLPLGSLATYTKLWAAF VRSDRSSLP TSCASASVEPQDLSASLQVLRAASKSFNAASLLLPWDLRDLDGCLYA FCRVADDLVDDHA QELQAKAKNLDVVRDIVDAVYADSIVDRKQHLSTPIGERLRILLA SAALSDKIKQDTRAA ATSIAPLTQYIPKRLWYEMLQGYADLRFQHQDARQRTLQ SMDDLVEYSQCVAGVVGEM CIRVILGRGCVPLDLEVDKIALRASKTIEQSINVKP LDLNRTADVHTLLYEARRMGV SLQLVNIARDVVPDSVELRRCYLPADMFDKEEDDG

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MYEALLKGRVALPRHASKLVHGAE QGVVRPQDVRKYALRLLEISQRLYDESYPSL
RQIPNRPARAGLKAACSVYAAIGKRIQAQ TEDEISSGRRARMSNLDRILRAISAVYFD
V

Purity Greater than 90% as determined by SDS-PAGE.

Notes Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Storage Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

Storage Buffer Tris/PBS-based buffer, 6% Trehalose, pH 8.0

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.

GENE INFORMATION

Gene Name UMAG_06287

Synonyms UMAG_06287; Bifunctional lycopene cyclase/phytoene synthase [Includes: Lycopene beta-cyclase; Lycopene cyclase; Phytoene synthase;]

UniProt ID [Q4P0S6](#)

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