



Recombinant Solanum tuberosum Flavonol synthase/flavanone 3-hydroxylase

Product Code	CSB-EP671446FIG
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.	Q41452
Product Type	Recombinant Protein
Immunogen Species	Solanum tuberosum (Potato)
Purity	>85% (SDS-PAGE)
Sequence	MKTIQQQSAT TALTMEVARV QAISSITKCM DTIPSEYIRS ENEQPAATTL QGVVLEVPVI DISNVDDDEE KLVKEIVEAS KEWGIFQVIN HGIPDEVLEN LQKVGKEFFE EVPQEEKELI AKKPGAQSLE GYGTSLQKEI EGKKGWVDHL FHKIWPPSAI NYRYWPKNPP SYREANEEYA KWLKRVADGI FRSLSLGLGL EGHEMMEAAG SEDIVYMLKI NYYPPCPRPD LALGVVAHTD MSYITLLVPN EVQVFKDGHW YDVNYIPNAI IVHIGDQVEI LSNKYKSVY HRTTVNKYKT RMSWPVFLEP SSEHEVGPIP NLINEANPPK FKTKKYKDYV YCKLNKLPQ
Source	E.coli
Protein Names	Recommended name: Flavonol synthase/flavanone 3-hydroxylase Short name= FLS EC= 1.14.11.23 EC= 1.14.11.9
Expression Region	1-349
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.