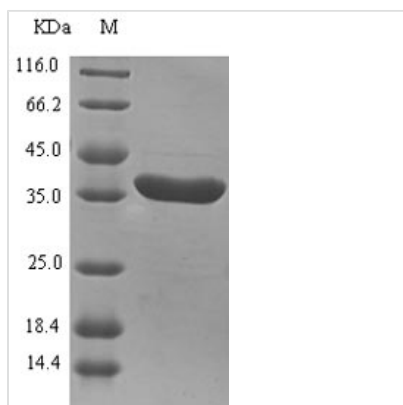




Recombinant Magnaporthe oryzae Scytalone dehydratase (SDH1)

Product Code	CSB-EP348697MPM
Relevance	Catalyzes two steps in melanin biosynthesis. From scytalone they are two dehydration steps and one reduction step to yield melanin.
Abbreviation	Recombinant Magnaporthe oryzae SDH1 protein
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.	P56221
Product Type	Recombinant Protein
Immunogen Species	Magnaporthe oryzae (strain 70-15 / ATCC MYA-4617 / FGSC 8958) (Rice blast fungus) (Pyricularia oryzae)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	MGSQVQKSDEITFSDYLGLMTCVYEWADSYDSKDWDRRLRKVIAPTLRIDYRSF LDKLWEAMPAEEFVGMVSSKQVLGDPTLRRTQHFIGGTRWEKVSEDEVIGYHQ LRVPHQRYKDTTMKEVTMKGHAHSANLHWYKKIDGVWKFAGLKPDIRWGEF DFDRIFEDGRETFGDK
Research Area	Others
Source	E.coli
Target Names	SDH1
Expression Region	1-172aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-SUMO-tagged
Mol. Weight	36.2kDa
Protein Length	Full Length

Image



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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 $-20^{\circ}\text{C}/-80^{\circ}\text{C}$. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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