

Scytalone dehydratase Recombinant Protein | SDH1 recombinant protein

Recombinant Magnaporthe oryzae (strain 70-15 / MYA-4617 / FGSC 8958) (Rice blast fungus) (Pyricularia oryzae) Scytalone dehydratase

CATALOG # AAA115973	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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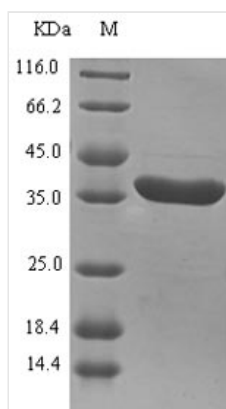
PRODUCT SYNONYMS

Scytalone dehydratase; Recombinant Magnaporthe oryzae (strain 70-15 / MYA-4617 / FGSC 8958) (Rice blast fungus) (Pyricularia oryzae) Scytalone dehydratase; Magnaporthe oryzae (strain 70-15 / MYA-4617 / FGSC 8958) (Rice blast fungus) (Pyricularia oryzae); SDH1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	1-172aa; Full Length
Sequence	MGSQVQKSDE ITFSDYLGLM TCVYEWADSY DSKDWDRLRK VIAPTLRIDY RSFLDKLWEA MPAEEFVGMV SSKQVLGDPT LRTQHFIGGT RWEKVSEDEV IGYHQLRVPH QRYKDTTMKE VTMKGHAHSA NLHWYKKIDG VWKFAGLKPDI RWGEFDFDR IFEDGRETFG DK
Sequence Length	172
Species	Magnaporthe oryzae (strain 70-15 / # MYA-4617 / FGSC 8958) (Rice blast fungus) (Pyricularia oryzae)
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for SDH1 recombinant protein	Catalyzes two steps in melanin biosynthesis. From scytalone they are two dehydration steps and one reduction step to yield melanin.
References	"cDNA cloning, expression, and mutagenesis of scytalone dehydratase needed for pathogenicity of the rice blast fungus, Pyricularia oryzae." Motoyama T., Imanishi K., Yamaguchi I. Biosci. Biotechnol. Biochem. 62:564-566(1998)

NCBI AND UNIPROT INFORMATION

NCBI GI #	389629838
NCBI GeneID	2675492
NCBI Accession #	XP_003712572.1
NCBI GenBank Nucleotide #	XM_003712524.1
UniProt Accession #	P56221; A4QT16; G4N445
Molecular Weight	36.2 kDa
NCBI Official Full Name	scytalone dehydratase
NCBI Official Symbol	MGG_05059
NCBI Protein Information	scytalone dehydratase
UniProt Protein Name	Scytalone dehydratase
UniProt Gene Name	SDH1
UniProt Entry Name	SCYD_MAGO7

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/sdh1-recombinant-protein-e-coli/115973>