

Recombinant Magnaporthe oryzae Scytalone dehydratase(SDH1)

Catalog No: #AP73887

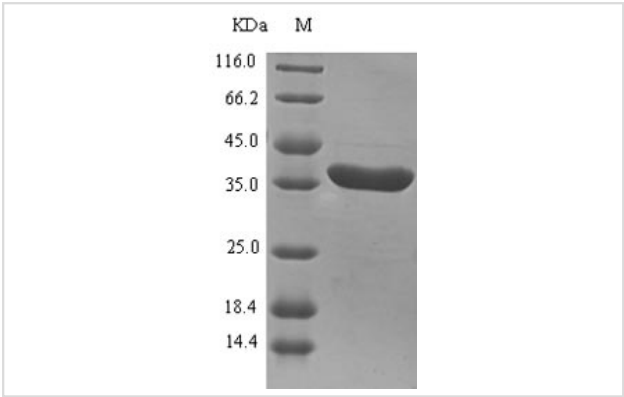
Package Size: #AP73887-1 20ug #AP73887-2 100ug #AP73887-3 1mg

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Description

| | |
|-----------------------|---|
| Product Name | Recombinant Magnaporthe oryzae Scytalone dehydratase(SDH1) |
| Brief Description | Recombinant Protein |
| Host Species | E.coli |
| Purification | Greater than 90% as determined by SDS-PAGE. |
| Immunogen Description | Expression Region:1-172aaSequence Info:Full Length |
| Accession No. | P56221 |
| Uniprot | P56221 |
| GeneID | 2675492; |
| Calculated MW | 36.2 kDa |
| Tag Info | N-terminal 6xHis-SUMO-tagged |
| Target Sequence | MGSQVQKSDEITFSDYLGLMTCVYEWADSYDSKDWDRLRKVIAPTLRIDYRSFLDKLWEAMPAAEEFVGMVSS KQVLGDPTLRTQHFIGGTRWEKVSDEDEVIGYHQLRVPHQRYKDTTMKEVTMKGHAHSANLHWYKKIDGVWK FAGLKPDIRWGEFDFDRIFEDGRETFGDK |
| Formulation | Tris-based buffer50% glycerol |
| 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.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week. |

Images



Background

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) Research Topic: Others

Note: This product is for in vitro research use only