

Recombinant Full Length Magnaporthe Oryzae NADH-Cytochrome B5 Reductase 2(Mcr1) Protein, His-Tagged

Cat. No. RFL1754MF Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Magnaporthe oryzae NADH-cytochrome b5 reductase 2(MCR1) Protein (A4QR21) (1-331aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Magnaporthe oryzae
Source	E.coli
ProteinLength	Full Length (1-331)
Form	Lyophilized powder
AA Sequence	MFARPAIRACQSLKQPVRRYTNTPPPQSGNANNSRVGILIASAVGMAGFGTYFMFG QGTT PAAGVKALGAEPKKALEMKEGFVSLQLDDVEVVNHNTKRLRFKLPEDDMVS GLHVASALL TKFKPEGAEKPVLRPYTPISDEDQKGYLDLIVKKYEGGPMSTHIELVP GQKLDFKGPLP KYEWSANKHPHVAMIAGGTGITPMYQIMRAIFKNPADKTKVTLVV GNITEEDILLKKQLA ELENTYPQRFRAFVYLDNPPKDWAGTKGYITKDLLKTVLPEPK EENIKVFVCGPPGMMKA ISGNKVSPKDQGEVSGILKELGYKQDQIYKF
Purity	Greater than 90% as determined by SDS-PAGE.
Applications	SDS-PAGE
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C

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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**

MCR1

Synonyms

MCR1; MGG_03708; NADH-cytochrome b5 reductase 2; Mitochondrial cytochrome b reductase

UniProt ID

[A4QR21](#)

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