

Recombinant Full Length *Scheffersomyces stipitis* NADH-Cytochrome B5 Reductase 2(Mcr1) Protein, His-Tagged

Cat. No. RFL18978SF Lot. No. (See product label)

SPECIFICATION

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|-------------------------|--|
| Product Overview | Recombinant Full Length <i>Scheffersomyces stipitis</i> NADH-cytochrome b5 reductase 2(MCR1) Protein (A3LT66) (1-298aa), fused to N-terminal His tag, was expressed in <i>E. coli</i> . |
| Species | <i>Scheffersomyces stipitis</i> |
| Source | <i>E. coli</i> |
| Protein Length | Full Length (1-298) |
| Form | Lyophilized powder |
| AA Sequence | MSFSRSFSRLASSKFVLPVAAAAGVGLASYSFTSSSFIANEPSKAFKGGDEWIDLKLIS SH DLSHDTKHLVFELPNKDDVSGLVLTASLLMTKFVTPKGSNVIRPYTPVSDTEQAGT IDFVV KKYEGGKMSSHIHDLKPNDTLSFKGPFVKWKWEPNQFKSIALIGGGTGITPL YQLIHEIT KNPADKTQVSLFYGSQTPDDILIKKELDALAAKHKDQVKIVYFVDKADAS WKGETGYISK EFLQKNLPAPGPDNKIFVCGPPPLYKAVSGPKVSPTDQGELTGSLA ELGFSKENVFKF |
| 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; PICST_44816; NADH-cytochrome b5 reductase 2; Mitochondrial cytochrome b reductase

UniProt ID

[A3LT66](#)

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