

Recombinant Full Length Aspergillus Niger Nadh-Cytochrome B5 Reductase 2(Mcr1) Protein, His-Tagged

Cat. No. RFL19912AF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Aspergillus niger NADH-cytochrome b5 reductase 2(mcr1) Protein (A2Q898) (1-322aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Aspergillus Niger
Source	E.coli
ProteinLength	Full Length (1-322)
Form	Lyophilized powder
AA Sequence	MFARQAFRCAQPLKQGFRKYSTAPKKGSSLAPIYAAVGITGVGVGLYRYNSATAE APAA VDRPKVFKGGDQGWFDLKLSEIEVLNHNTKRLRFEFEDKEALSGLQVASALL TKFKPADA KAVIRPYTPTSDEETPGYIDL VVKVYPNGPMSEHLHSMNVGQRLDFKG PIVKYPWETNKH NHICLIAGGTGITPMYQLAREIFKNPEDQTKVTLVFGNVKEEDILLK KEFEELENTYPRR FRAFYVLDNPPKEWTGGKGYSKELLKTVLPEPKEENIKIFVCGP PGMYKAISGTKNSPT DQGELSGILKELGYSKEQVFKF
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 for up to one week.

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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; An01g03570; NADH-cytochrome b5 reductase 2; Mitochondrial cytochrome b reductase
UniProt ID	A2Q898