

# Recombinant Full Length Candida Tropicalis NADPH--Cytochrome P450 Reductase(Ncp1) Protein, His-Tagged

Cat. No. RFL33105CF Lot. No. (See product label)

## SPECIFICATION

**Product Overview** Recombinant Full Length Candida tropicalis NADPH--cytochrome P450 reductase(NCP1) Protein (P37201) (1-680aa), fused to N-terminal His tag, was expressed in E. coli.

**Species** Candida tropicalis

**Source** E.coli

**ProteinLength** Full Length (1-680)

**Form** Lyophilized powder

**AA Sequence**

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MALDKLDLYVIITLVVAIAAYFAKNQFLDQQQDTGFLNTDSGDGNSRDILQALKKNNK
NTLLLFQSQTGTAEDYANKLSRELHSRFGKTMVADFADYDFENFGDITEDILVFFIV
ATYGEGEPTDNADEFHTWLTEEADTLSTLKYTVFGLGNSTYEFFNAIGRKFDRLLE
KGGDRFAEYEGEGDDGTGLDEDFLAWKDNVFDLSKNDLNFEELKELYEPNVKLTERR
DDLSGNDPDVSLGEPNVKVIKSEGVDLTKGPFDHHPFLARIVKTKELFTSEDRHCV
HVEFDISESNLKYTTGDHLAIWPSNSDENIKQFAKCFGLDKLDTVIELKALDSTYSIP
FPNPITYGAVIRHHLEISGPVSRQFFLSIAGFAPDEETKKSFTTRIGGDKQEFASKVTRR
KFNIADALLFASNRPWSDVPPFEFLIENVQHLTPRYYSISSSSLSKQTINVTAVVEAE
EEADGRPVTGVVTNLLKNIEIEQNKTGETPMVHYDLNGPRGKFSKFRLPVHVRRSNF
KLPKNSTTPVILIGPGTGVAPLRGFRERVQQVKNVNVGKTVLFYGCNSEQDFLY
KQEWSEYASVLGENFEMFNAFSRQDPTKKVYVQDKILENSALVDELLSSGAIYVCG
    
```

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DASRMARDVQAAIAKIVAKSRDIHEDKAAELVKSWKVQNRVYQEDVW

**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.

**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** NCP1

**Synonyms** NCP1; CPR; NADPH--cytochrome P450 reductase; P450R

**UniProt ID** [P37201](#)

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