

# Recombinant Full Length Schizosaccharomyces Pombe Nadph--Cytochrome P450 Reductase(Ccr1) Protein, His-Tagged

**Cat. No.** RFL35568SF    **Lot. No.** (See product label)

## SPECIFICATION

**Product Overview**      Recombinant Full Length Schizosaccharomyces pombe NADPH--cytochrome P450 reductase(ccr1) Protein (P36587) (1-678aa), fused to N-terminal His tag, was expressed in E. coli.

**Species**      Schizosaccharomyces pombe

**Source**      E.coli

**ProteinLength**      Full Length (1-678)

**Form**      Lyophilized powder

**AA Sequence**

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MKTYEYVLLVILILSLCYFIYNNFLNKPKAPERRVVATDSIVELMEAEKLTAAVFFGSQ
TGTAEDFAYRFSTEAKANFNLTNMVFDLENYDLTDLDNFDRSKLLVFFLATYGESEP
TDNAEAFQLLEGDDTVFSSGKGIETPFEGIRYAIFGLGNHTYEYNNAMAKKVDAA
MTRLGATRVGNLGLGDDAAGMLEEDYLQWKDDTLPEIGKLFHLQEVHKEYNPMFE
VIEKPEISNTSSTVFLGEPSSRQQLKGNVASKAPRSQANPFFSSPVRSLFLKSGSRN
CLHLELDIADSGMRYQTGDYASICPMNPSQAVDDLLEVLGLKEKRDTVIIIVKPIDTLDK
APVLSPTTYDVFRIYYEICGIVSRQLLSFIAPFAPTPEKQELEKLGNDYDYFKKNV
VDLHLNLAQVLRVSPDAPFTKLPFSMLLENMAHMKPRYYSSSSSVVHPDKVHVTA
VVDKKEWTDKNHIFYGLTTNYLLAHCRRMHGEEKIPHPNGLEYTLEGPRKNWTGKIP
MFVKKSTFRLAPPDVPIIMVGPVGTGVAPFRGFVMERANLASKGVKVAKTLLFYGCQY

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SDKDFLYKEEWQQYKDVVKDSFELITAFSREQDHKIYVQHRLLHSDTIAKLVEEGAA  
FYICGDADHMAKDVVNALASILTTVDVDGMKAVKALRDDNRRFFEDTW

**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 multiple 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** ccr1

**Synonyms** ccr1; SPBC29A10.01; SPBC365.17; NADPH--cytochrome P450 reductase; CPR; P450R

**UniProt ID** [P36587](#)

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