

Recombinant Human Cytochrome P450 Reductase (CPR)

Catalog No.: TP09153

50µg

Sequence Information

Species: Human

Gene ID:5447

Swiss Prot:P16435

Synonyms:POR; CYPOR; P450R;

P450(Cytochrome)Oxidoreductase;

NADPH--cytochrome P450 reductase

Residues:Gly77~Phe518

GRNIIVFYGSQTGTAEEFANRLSKDAHRYGMRGMSADPEEYDLADLSSLPEIDN
ALVVFCMATYGECDPTDNAQDFYDWLQETDVLDSGVKFAVFLGNKTYEHFNAM
GKYVDKRLEQLGAQRIFELGLGDDGNLEEDFITWREQFWPAVCEHFGVEATGE
ESSIRQYELVVHTDIDAAKVVMGEMGRKSYENQKPPFDAKNPFLAAVTTNRKL
NQGTERHLMHLELDISDSKIRYESGDHVAVYPANDSALVNQLGKILGADLDVVM
SLNNLDEESNKKHPFCPTSYRTALTYILDITNPRTNVLYELAQYASEPSEQE
LLRKMASSSGEGKELYLSWVVEARRHILAILQDCPSLRPPIDHLCCELLPRLQAR
YYSIASSSKVHPNSVHICAVVVEYETKAGRINKGVATNWLRAKEPAGENGGRAL
VPMFVRKSQF

Product Information

Source: Recombinant expression.

Host: *E.coli*

Tags: N-terminal His-Tag

Subcellular Location: Membrane .

Purity: >90%

Traits: Freeze-dried powder

Buffer formulation: PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.

Original Concentration: 200µg/mL

Applications: Positive Control; Immunogen; SDS-PAGE; WB.

(May be suitable for use in other assays to be determined by the end user.)

Predicted isoelectric point: 5.0

Predicted Molecular Mass: 53.3kDa

Accurate Molecular Mass: 53kDa as determined by SDS-PAGE reducing conditions.

The kit is designed for in vitro and research use only, we will not be responsible for any



issue if the kit was used in clinical diagnostic or any other procedures.