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Recombinant human CYP2E1 protein

Catalog Number: ATGP2993

PRODUCT INFORMATION

Expression system

E.coli

Domain

29-493aa

UniProt No.

P05181

NCBI Accession No.

NP 000764.1

Alternative Names

Cytochrome P450 2E1, CPE1, CYP2E, P450-J, P450C2E

PRODUCT SPECIFICATION

Molecular Weight

56.2 kDa (488aa)

Concentration

0.5mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol

Purity

> 80% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE, Denatured

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description

CYP2E1 also known as Cytochrome P450 2E1 (abbreviated CYP2E1, EC 1. 14. 13. n7), is member of the cytochrome P450 mixed-function oxidase system that involved in the metabolism of xenobiotics in the body. While it is involved in the oxidative metabolism of a small range of substrates (mostly small polar molecules), there are many important drug interactions mediated by CYP2E1. Recombinant human CYP2E1, fused to His-tag at N-terminus, was expressed in E. coli.



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Amino acid Sequence

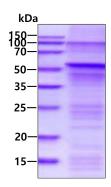
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General References

Miller DN., et al. (1965) Ann NY Acad Sci, 119 (3): 957-973.

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

