# NKMAXBIO We support you, we believe in your research

# 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.



# NKMAXBio We support you, we believe in your research

# **Recombinant human CYP2E1 protein**

Catalog Number: ATGP2993

## **Amino acid Sequence**

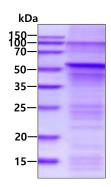
<MGSSHHHHHH SSGLVPRGSH MGS>SWNLPPG PFPLPIIGNL FQLELKNIPK SFTRLAQRFG PVFTLYVGSQ RMVVMHGYKA VKEALLDYKD EFSGRGDLPA FHAHRDRGII FNNGPTWKDI RRFSLTTLRN YGMGKQGNES RIQREAHFLL EALRKTQGQP FDPTFLIGCA PCNVIADILF RKHFDYNDEK FLRLMYLFNE NFHLLSTPWL QLYNNFPSFL HYLPGSHRKV IKNVAEVKEY VSERVKEHHQ SLDPNCPRDL TDCLLVEMEK EKHSAERLYT MDGITVTVAD LFFAGTETTS TTLRYGLLIL MKYPEIEEKL HEEIDRVIGP SRIPAIKDRQ EMPYMDAVVH EIQRFITLVP SNLPHEATRD TIFRGYLIPK GTVVVPTLDS VLYDNQEFPD PEKFKPEHFL NENGKFKYSD YFKPFSTGKR VCAGEGLARM ELFLLLCAIL QHFNLKPLVD PKDIDLSPIH IGFGCIPPRY KLCVIPRS

#### **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.

