

AR51813PU-S

Human CYP2E1 (29-493, His-tag) - Purified

Alternate names:

CYP2E, CYP11E1, Cytochrome P450 2E1, Cytochrome P450-J

Quantity:

0.1 mg

Concentration:

0.5 mg/ml (determined by Bradford assay)

Background:

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.

Uniprot ID:

[P05181](#)

NCBI:

[NP_000764](#)

GeneID:

[1571](#)

Species:

Human

Source:

E. coli

Format:

State: Liquid purified protein

Purity: >80% by SDS - PAGE

Buffer System: Liquid, In 20mM Tris-HCl (pH8.0) containing 10% glycerol.

Description:

Recombinant human CYP2E1, fused to His-tag at N-terminus, was expressed in E.coli.

AA Sequence:

MGSSHHHHHH SSGLVPRGSH MGSSWNLP PG PFPLPIIGNL FQLELKNIPK SFTRLAQRFG
PVFTLYVGSQ RMVVMHGYKA VKEALLDYKD EFSGRGDLPA FFAHRDRGII FNNGPTWKDI
RRFSLTTLRN YGMGKQGNES RIQREAHFLL EALRKTQGQP FDPTFLIGCA PCNVIADILF
RKHF DYND EK FLRLMYLFNE NFHLLSTPWL QLYNNFPSFL HYLP GSHR KV IKNVAEVKEY
VSE RVKEHHQ SLD PNCPRDL TDCLLVEMEK EKHS AERLYT MDGITVTVAD LFFAGTETTS
TTLRYGLLIL MKYPEIEEKL HEEIDRVIGP SRIPA IKDRQ EMPYMDAVVH EIQR FITLVP
SNLPHEATRD TIFRGYLIPK GTVVVPTLDS VLYDNQEFPD PEKFKPEHFL NENGKFKYSD
YFKPFSTGKR VCAGEGLARM ELFLLLCAIL QHFNLKPLVD PKDIDLSP IH IGFGCIPPRY
KLCVIPRS

Molecular weight: 56.2 kDa (488aa)

Storage:

Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer.

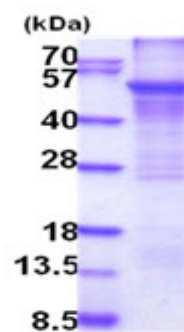
Avoid repeated freezing and thawing.

Shelf life: one year from despatch.

General Readings:

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

Pictures:



15% SDS-PAGE (3ug)