

Cytochrome P450 2E1 (Cyp2e1) Recombinant Protein | Cyp2e1 recombinant protein

Recombinant Mouse Cytochrome P450 2E1 (Cyp2e1)

CATALOG # AAA113391	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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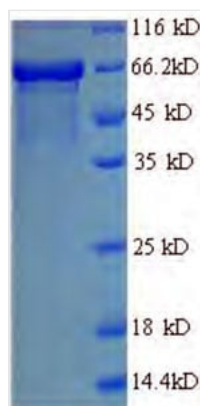
PRODUCT SYNONYMS

Cytochrome P450 2E1 (Cyp2e1); Recombinant Mouse Cytochrome P450 2E1 (Cyp2e1); Cyp2e1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	2-493. Full Length of Mature Protein
Sequence	AVLGITVALL VWIATLLLVS IWKQIYRSWN LPPGPFPIPF FGNIFQLDLK DIPKSLTKLA KRFGPVFTLH LGQRRIVVLH GYKAVKEVLL NHKNEFSGRG DIPVFQEYKN KGIIFNNGPT WKDVRRFSL S ILRDWGMGKQ GNEARIQREA HFLVEELKKT KGQPFDPFTL IGCAPCNVIA DILFNKRFDY DDKKCLELMS LFNENFYLLS TPWIQAYNYF SDYLQYLP GS HRKVMKNVSE IRQYTLGKAK EHLKSLDINC PRDVTDCLLI EMEKEKHSQE PMYTMENISV TLADLFFAGT ETTSTTLRYG LLILMKYPEI EEKLHEEIDR VIGPSRAPAV RDRMNMPYMD AVVHEIQRFI NLVPSNLPHE ATRDTVFRGY VIPKGTVVIP TLD SLLFDNY EFPDPETFKP EHFLNENGKF KYSDYFKA FS AGKRV CVGEG LARMELFLLL SAILQHFN LK SLVDPKIDIL SPVTIGFGSI PREFKLCVIP RS
Species	Mouse
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for Cyp2e1 recombinant protein	This gene encodes a member of the cytochrome P450 superfamily of enzymes. The cytochrome P450 proteins are monooxygenases which catalyze many reactions involved in drug metabolism and synthesis of cholesterol, steroids and other lipids. This protein localizes to the endoplasmic reticulum and is induced by ethanol, the diabetic state, and starvation. The enzyme metabolizes both endogenous substrates, such as ethanol, acetone, and acetal, as well as exogenous substrates including benzene, carbon tetrachloride, ethylene glycol, and nitrosamines which are premutagens found in cigarette smoke. Due to its many substrates, this enzyme may be involved in such varied processes as gluconeogenesis, hepatic cirrhosis, diabetes, and cancer.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	11276065
NCBI GeneID	13106
NCBI Accession #	NP_067257.1
NCBI GenBank Nucleotide #	NM_021282.2
UniProt Accession #	Q05421; Q9Z198
Molecular Weight	58.7 kDa
NCBI Official Full Name	cytochrome P450 2E1
NCBI Official Synonym Full Names	cytochrome P450, family 2, subfamily e, polypeptide 1
NCBI Official Symbol	Cyp2e1
NCBI Official Synonym Symbols	Cyp2e
NCBI Protein Information	cytochrome P450 2E1
UniProt Protein Name	Cytochrome P450 2E1
UniProt Gene Name	Cyp2e1
UniProt Synonym Gene Names	Cyp2e; Cyp2e-1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.