

## Recombinant Mus musculus Cytochrome P450 2E1

Catalog No: #AP72521



Package Size: #AP72521-1 20ug #AP72521-2 100ug #AP72521-3 1mg

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## Description

Product Name	Recombinant Mus musculus Cytochrome P450 2E1
Brief Description	Recombinant Protein
Host Species	Yeast
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:2-493aaSequence Info:Full Length
Other Names	4-nitrophenol 2-hydroxylase (EC:1.14.13.n7) CYP1IE1 Cytochrome P450-ALC Cytochrome P450-J
Accession No.	Q05421
Uniprot	Q05421
GeneID	13106;
Calculated MW	58.7 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	AVLGITVALLVWIATLLLVSIIWKIYRSWNLPPGPFPIFFGNIFQLDLKDIPKSLTKLAKRFGPVFTLHLGQRRIV VLHGYKAVKEVLLNHKNEFSGRGDIPVFQEYKNKGIIFNNGPTWKDVRRFSLILRDWGMGKQGNEARIQREA HFLVEELKKTGQPFDPTFLIGCAPCNVIADILFNKRFDYDDKKCLELMSLFNENFYLLSTPWIQAYNYFSDYLG YLPGSHRKVMKNVSEIRQYTLGKAKEHLKSLDINCPRDVTDCLLIEMEKEKHSQEPMYTMENISVTLADLFFAG TETTSTLLRYGLLILMKYPEIEEKLHEEIDRVIGPSRAPAVRDRMNMPYMDAVVHEIQRFINLVPSNLPHEATRD TVFRGYVIPKGTVVIPTLDSLLFDNYEFPDPETFKPEHFLNENKFKYSDYFKAFSAGKRVCVGEGLARMELFL LLSAILQHFNLSLVDPKDIDLSPVTIGFGSIPREFKLCVIPRS
Formulation	Tris-based buffer50% glycerol
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.  Generally, the shelf life of liquid form is 6 months at -20°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

## Background

Metabolizes several precarcinogens, drugs, and solvents to reactive metabolites.

## References

"The status, quality, and expansion of the NIH full-length cDNA project: the Mammalian Gene Collection (MGC)."The MGC Project Team Genome Res. 14:2121-2127(2004) Research Topic:Others

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Note: This product is for in vitro research use only