

Recombinant Mouse CYP2E1 Protein (2-493 aa), His-tagged

Cat. No. CYP2E1-1373M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse CYP2E1 Protein (2-493 aa) is produced by Yeast expression system. This protein is fused with a 6xHis tag at the N-terminal. Protein Description: Full Length of Mature Protein.
Species	Mouse
Source	Yeast
ProteinLength	2-493 aa
Description	Metabolizes several precarcinogens, drugs, and solvents to reactive metabolites.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	58.7 kDa
AA Sequence	AVLGITVALLVWIATLLLVSIWKQIYRSWNLPPGPFPIFFGNIFQLDLKDIPKSLTKLAK RFGPVFTLHLGQRRIVVLHGYKAVKEVLLNHKNEFSGRGDIPVFQEYKNKGIIFFNNGP TWKDVRRFSLSLRDWGMGKQGNEARIQREAHFLVEELKKTGQPFDPFTFLIGCAP CNVIADILFNKRFDYDDKKCLELMSLFNENFYLLSTPWIQAYNYFSDYLQYLPGSHRK VMKNVSEIRQYTLGKAKEHLKSLDINCPDVDCLLIEMEKEKHSQEPMYTMENISVT LADLFFAGTETTSTTLRYGLLILMKYPEIEEKLHEEIDRVIGPSRAPAVRDRMNMPYM DAVVHEIQRFINLVPSNLPHEATRDTVFRGYVIPKGTVVIPTLDSLLFDNYEFPDPETF KPEHFLNENGKFKYSDYFKAFSAGKRVCVGEGLARMELFLLSAILQHFNLSLVDP KDIDLSPVTIGFGSIPREFKLCVIPRS

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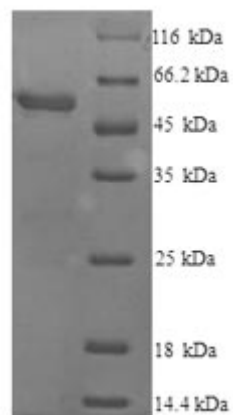
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Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA with reconstitution instruction is sent along with the products.
GENE INFORMATION	
Gene Name	Cyp2e1 cytochrome P450, family 2, subfamily e, polypeptide 1 [Mus musculus]
Official Symbol	CYP2E1
Synonyms	CYP2E1; CYP11E1; cytochrome P450-J; Cyp2e;
Gene ID	13106
mRNA Refseq	NM_021282
Protein Refseq	NP_067257
UniProt ID	Q05421

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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