

Recombinant Mouse Cyp2f2 Protein, His-tagged

Cat. No. Cyp2f2-1299M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Cyp2f2 Protein (Arg25-Arg491) with N-His tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Arg25-Arg491
Description	Predicted to enable heme binding activity and monooxygenase activity. Acts upstream of or within naphthalene catabolic process and response to toxic substance. Predicted to be located in endoplasmic reticulum and membrane. Predicted to be active in cytoplasm and intracellular membrane-bounded organelle. Is expressed in several structures, including alimentary system; genitourinary system; nose; pharyngo-tympanic tube; and respiratory system. Orthologous to several human genes including CYP2F1 (cytochrome P450 family 2 subfamily F member 1).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 57.2 kDa Accurate Molecular Mass: 57 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in PBS or others.
GENE INFORMATION	
Gene Name	Cyp2f2 cytochrome P450, family 2, subfamily f, polypeptide 2 [Mus musculus (house mouse)]
Official Symbol	Cyp2f2
Synonyms	Cyp2f2; cytochrome P450, family 2, subfamily f, polypeptide 2; Cyp2f; cytochrome P450 2F2; CYP1IF2; cytochrome P450, 2f2; cytochrome P450-NAH-2; naphthalene dehydrogenase; naphthalene hydroxylase
Gene ID	13107
mRNA Refseq	NM_007817
Protein Refseq	NP_031843
UniProt ID	P33267

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