

Recombinant Mouse Fmo2 Protein, His-tagged

Cat. No. Fmo2-1508M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Fmo2 Protein (His154-Asp408) with N-His tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	His154-Asp408
Description	Enables monooxygenase activity. Acts upstream of or within oxygen metabolic process. Predicted to be located in membrane. Is expressed in several structures, including alimentary system; limb; mesothelium; metanephros; and nose. Orthologous to human FMO2 (flavin containing dimethylaniline monooxygenase 2).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 32.9 kDa Accurate Molecular Mass: 33 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
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

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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

Fmo2 flavin containing monooxygenase 2 [Mus musculus (house mouse)]

Official Symbol

Fmo2

Synonyms

FMO2; flavin containing monooxygenase 2; dimethylaniline monooxygenase [N-oxide-forming] 2; FMO 2; dimethylaniline oxidase 2; pulmonary flavin-containing monooxygenase 2; AW107733; 2310008D08Rik; 2310042I22Rik; MGC28212;

Gene ID

55990

mRNA Refseq

NM_018881

Protein Refseq

NP_061369

UniProt ID

Q8K2I3

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