

Recombinant Mouse Fmo2 Protein, Myc/DDK-tagged

Cat. No. Fmo2-3053M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length flavin containing monooxygenase 2 (Fmo2), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	This protein is involved in the oxidative metabolism of a variety of xenobiotics such as drugs and pesticides. Shows catalytic activity towards methimazole, thiourea, trimethylamine, and the insecticide phorate.
Molecular Mass	61 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Gene Name	Fmo2 flavin containing monooxygenase 2 [Mus musculus (house mouse)]
Official Symbol	Fmo2
Synonyms	Fmo2; flavin containing monooxygenase 2; AW107733; 2310008D08Rik; 2310042I22Rik; dimethylaniline monooxygenase [N-oxide-forming] 2; FMO 2; dimethylaniline oxidase 2; pulmonary flavin-containing monooxygenase 2; EC 1.14.13.8
Gene ID	55990
mRNA Refseq	NM_018881
Protein Refseq	NP_061369
UniProt ID	Q8K2I3

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