

Product datasheet for TP508580

Fmo2 (NM_018881) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse flavin containing monooxygenase 2 (Fmo2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR208580 protein sequence Red=Cloning site Green=Tags(s)
	MAKKVWVIGAGVSGSLISKCCVDEGLEPTCFERTEDIGGLWRFKENVEDGRASIYRSVITNTSKEMSCFS DFPMPEDFPNFLHNSKLLLEYFRIFAKKFDLLKYIQFQTTVISVKKRPDFASSGQWEVYTSNGKEQRTVF DAVMVCSGHHIQPHLPLKSPGIERFRGQYFHSREYKHPVGFEGKRILVVGIGNSAADIASLSKTAQV FVSTRHGSWVMSRISEDPWDMVFHTRFSSMLRNVLPRTVVKWMMEQQMNRWFNHENYGLVPQNKYLMK EPVLNDDLPSRLLYGAIKVKTRVKELTETAVVFEDGTVEEDVDIIVFATGYTFSFLEDSLKVEDNRV SLYKAMFPPHLEKPTLACIGLIQPLGSIPTVELQARWATRVFKGLCSLPSETTMMADIVERNEKRVNLF GKSQSQILQTNVVDYLDELALAIKAPDFVSLFFKDPKLAVKLYFGPCNSYQYRLVGPQWEGARNAILT QKQRILKPLKTRTLQSSDSAPVSFLLKILGLLAVVLAFFFLQGF
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	61 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP_061369</u>



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Locus ID: 55990

UniProt ID: [Q8K2I3](#)

RefSeq Size: 3336

Cytogenetics: 1 H2.1

RefSeq ORF: 1608

Synonyms: 2310008D08Rik; 2310042I22Rik; AW107733

Summary: 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.[UniProtKB/Swiss-Prot Function]