Recombinant Mouse CYP3A13 Protein (1-503 aa), His-SUMO-tagged

Cat. No. CYP3A13-1938M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse CYP3A13 Protein (1-503 aa) is produced by E. coli expression system. This protein is fused with a 6xHis-SUMO tag at the N-terminal. Protein Description: Full Length.
Species	Mouse
Source	E.coli
ProteinLength	1-503 aa
Description	Can activate aflatoxin B1 to a genotoxic product.
Form	Tris-based buffer,50% glycerol
Molecular Mass	73.5 kDa
AA Sequence	MDLIPNFSMETWMLLATSLVLLYLYGTHSHGIFKKLGIPGPKPLPFLGTILAYQKGFW ECDIQCHKKYGKMWGLYDGRQPVLAITDPDIIKTVLVKECYSTFTNRRRFGPVGILKK AISISENEEWKRIRALLSPTFTSGRLKEMFPIINQFTDVLVRNMRQGLGEGKPTSMKD IFGAYSMDVITATSFGVNIDSLNNPQDPFVEKIKKLLKFDIFDPLFLSVTLFPFLTPVFD ALNVSLFPRDVISFFTTSVERMKENRMKEKEKQRVDFLQLMINSQNYKTKESHKALS DVEIVAQSVIFIFAGYETTSSALSFALYLLAIHPDVQKKLQDEIDAALPNKAPATYDTLL QMEYLDMVVNETLRLYPIAGRLERVCKTDVEINGLFIPKGTVVMIPTFALHKDPKYWP EPEEFRPERFSKKNQDSINPYMYLPFGSGPRNCIGMRFALINMKVALVRVLQNFTVQ

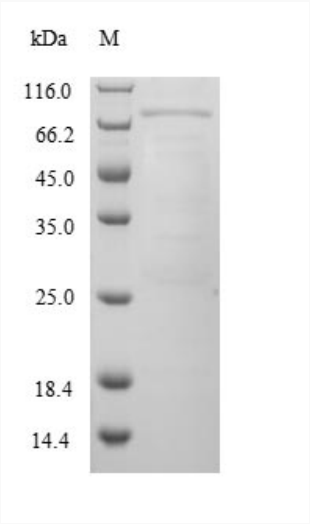
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	PCKETEIPLKLSKQGLLQPENPLLLKVVSRDETVSDE
Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage 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	Cyp3a13 cytochrome P450, family 3, subfamily a, polypeptide 13 [Mus musculus (house mouse)]
Official Symbol	CYP3A13
Synonyms	Cyp3a13; IIIAm2;
Gene ID	13113
mRNA Refseq	NM_007819
Protein Refseq	NP_031845
UniProt ID	Q64464

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

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