

Recombinant Mouse Cyp11a1 protein, MBP&His-Avi-tagged, Biotinylated

Cat. No. Cyp11a1-533M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Mouse Cyp11a1 protein(Q9QZ82)(37-526aa), fused with N-terminal MBP tag and C-terminal His and Avi tag, was expressed in E.coli.
Species	Mouse
Source	E.coli
ProteinLength	37-526a.a.
Tag	MBP&His&Avi
Conjugation/Label	Biotin
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	104.4 kDa
Purity	Greater than 85% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

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Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C.
AA Sequence	TSTSSPRSFNEIPSPGDNGWLNLYHFWRESGTQKIHQYHQMGSFQKYGPIYREKLGTL LESVYIVDPKIDASILFSCEGPNPERFLVPPWVAYHQYYQRPIGVLFKSSDAWKKDRI VLNQEVMAPGAIKNFVPLLEGVAQDFIKVLHRRRIKQQNSGNFSGVISDDLFRFSFESI SSVIFGERMGMLEEIVDPEAQRFINAVYQMFHTSVPMNLNPPDFFRLLRTKTWKDHA AAWDVIFNKADEYTNFYWDLRQKRDFSQYPGVLYSLLGGNKLPFKNIQANITEMLA GGVDTTSMTLQWNLYEMAHNLKVQEMLRAEVLAARRQAQGDMAKMOVLPVLLKA SIKETLRLHPISVTLQRYTVNDLVLRNYKIPAKTLVQVASFAMGRDPGFFPNPNKFDP TRWLEKSQNTTHFRYLGFGWGVVRQCLGRRIAELEMTILLINLLENFRIEVQNLRDVG TKFSLILMPENPILFNFQPLKQDLGPAVTRKDNTVN
Conjugation	Biotin

GENE INFORMATION

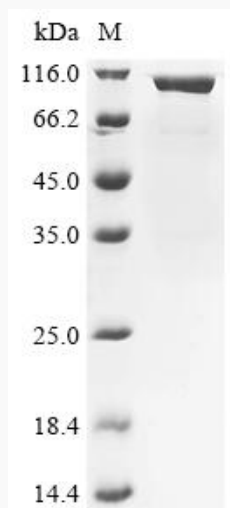
Gene Name	Cyp11a1 cytochrome P450 side chain cleavage enzyme 11a1 [Mus musculus]
Official Symbol	Cyp11a1
Synonyms	CYP11A1; cytochrome P450 side chain cleavage enzyme 11a1;
Gene ID	56432

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SDS-PAGE



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