Recombinant Sheep CYP11A1 protein, Avi-tagged, Biotinylated

Cat. No. CYP11A1-5229S **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Sheep CYP11A1 protein(P79202)(40-520 aa), fused with Avi tag, was expressed in E.coli.
Species	Sheep
Source	E.coli
ProteinLength	40-520 aa
Conjugation/Label	Biotin
Form	Tris/PBS-based buffer, 6% Trehalose.
AASequence	I STRTPRPYSE IPSPGDNGWI NLYHFWRKKG SQRIHFHHIE NFQKYGPIYR EKLGNLESVY IIHPEGVAHL FKFEGSYPQR YDIPPWLAYH RYYQKPIGVL FKKSGAWKKD RVVLNTEVMA PEAIKNFIPL LNPVSQDFVS LLHKRIKQQG SGKFVGDIKE DLFRFAFESI TNVMFGERLG MLEDTVDTEA QKFIDAVYKM FHTSVPLLNL PPELYRLFRT KTWRDHVAAW DTIFNKAEKY TEIFYQDLRQ KTEFRNYPGI LYHLLKSEKM LLEDVKANIT EMLAGGVDTT SMTLQWHLYE MARSLNVQEM LRKEVLNARR QAEGDISKML QMVPLLKASI KETLRLHPIS VTLQRYPESD LVLQDYLIPA KTLVQVAIYA MGRDPAFFSN PDKFDPTRWL GKDKDLIHFR NLGFGWGVRQ CVGRRIAELE MTLFLIHILE NFRVEMQQIG DVNTIFNLIL TPDKPIFLVF RPFNQGPPQA

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Purity	>85% (SDS-PAGE)
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
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.
Conjugation	Biotin

GENE INFORMATION

Gene Name	CYP11A1 cytochrome P450, family 11, subfamily A, polypeptide 1 [Ovis aries]
Official Symbol	CYP11A1
Synonyms	CYP11A1; cytochrome P450, family 11, subfamily A, polypeptide 1; cholesterol side-chain cleavage enzyme, mitochondrial; CYPXIA1; cytochrome P450scc; cytochrome P450 11A1; cytochrome P450(scc); cholesterol desmolase;
Gene ID	100048994
mRNA Refseq	NM_001093789
Protein Refseq	NP_001087258

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