

Recombinant Sheep CYP11A1 protein

Cat. No. CYP11A1-5231S **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Sheep CYP11A1 protein(P79202)(40-520 aa) was expressed in Mammalian cells.
Species	Sheep
Source	Mammalian cells
ProteinLength	40-520 aa
Form	Tris/PBS-based buffer, 6% Trehalose.
AASequence	I STRTPRPYSE IPSPGDNGWI NLYHFWRKKG SQRIHFHHIE NFQKYGPYIR EKLGNLESVY IIHPEGVAHL FKFEGSYPQR YDIPPWLAYH RYYQKPIGVL FKKSGAWKKD RVVLNTEVMA PEAIKNFIPL LNPVSQDFVS LLHKRIKQQG SGKFVGDIKE DLFRFAFESI TNVMFGERLG MLEDTVDTA QKFIDAVYKM FHTSVPLLNL PPELYRLFRT KTWDRDHVAW DTIFNKAKEY TEIFYQDLRQ KTEFRNYPGI LYHLLKSEKM LLEDVKANIT EMLAGGVDTT SMTLQWHLYE MARSLNVQEM LRKEVLNARR QAEGDISKML QMVPLLKASI KETLRLHPIS VTLQRYPESD LVLQDYLIPIA KTLVQVAIYA MGRDPAFFSN PDKFDPTRWL GKDKDLIHR NLGFGWGVVRQ CVGRRIAELE MTLFLIHILE NFRVEMQQIG DVNTIFNLIL TPDKPIFLVF RPFNQGPPQA
Purity	>85% (SDS-PAGE)
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid

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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.

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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