

## Recombinant Sheep CYP11A1 protein

Cat. No. CYP11A1-5230S Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Sheep CYP11A1 protein(P79202)(40-520 aa) was expressed in Baculovirus.
<b>Species</b>	Sheep
<b>Source</b>	Baculovirus
<b>ProteinLength</b>	40-520 aa
<b>Form</b>	Tris/PBS-based buffer, 6% Trehalose.
<b>AASequence</b>	<p>I STRTPRPYSE IPSPGDNGWI NLYHFWRKKG SQRIHFHHIE NFQKYGPIYR  EKLGNLESVY IIHPEGVAHL FKFECSYPQR YDIPPWLAYH RYYQKPIGVL  FKKSGAWKKD RVVLNTEVMA PEAIKNFIPL LNPVSQDFVS LLHKRIKQQG  SGKFGVDIKE DLFRFAFESI TNVMFGERLG MLEDTVDTEA QKFIDAVYKM  FHTSVPLLNL PPELYRLFRT KTWDRDHVAAW DTIFNKAKEY TEIFYQDLRQ  KTEFRNYPGI LYHLLKSEKM LLEDVKANIT EMLAGGVDTT SMTLQWHLYE  MARSLNVQEM LRKEVLNARR QAEGDISKML QMVPLLKASI KETLRLHPIS  VTLQRYPESD LVLQDYLIPA KTLVQVAIYA MGRDPAFFSN PDKFDPTRWL  GKDKDLIHR NLGFGWGVVRQ CVGRRIAELE MTLFLIHILE NFRVEMQQIG  DVNTIFNLIL TPKPIFLVF RPFNQGPPQA</p>
<b>Purity</b>	>85% (SDS-PAGE)
<b>Storage</b>	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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