

Recombinant Sheep CYP11A1 protein

Cat. No. CYP11A1-5228S Lot. No. (See product label)

SPECIFICATION

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

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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