

Recombinant Human CYP51A1 Protein, His-tagged

Cat. No. CYP51A1-118H **Lot. No.** (See product label)

SPECIFICATION

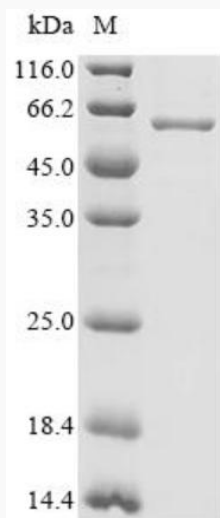
Product Overview	Recombinant Human CYP51A1 Protein(Q16850)(67-509 aa), fused with C-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	67-509 aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	57.6 kDa
AASequence	PPYIFSPIPFLGHAIAFGKSPIEFLENAYEKYGPVFSFTMVGKTFTYLLGSDAAALLFN SKNEDLNAEDVYSRLTTPVFGKGVAYDVPNPVFLEQKKMLKSGLNIAHFKQHVSII EK ETKEYFESWGESGEKNVFEALSELII LTASHCLHGKEIRS QLNKVAQLYADLDGGFS HAAWLLPGWLPLPSFRRRDRAHREIKDIFYKAIQKRRQS QEKIDDILQTLLDATYKDG RPLTDDEVAGMLIGLLLAGQHTSSTTSAWMGFFLARDKTLQKKCYLEQKTVCGENL PPLTYDQLKDLNLLDRCIKETLRLRPPIMIMMRMARTPQTVAGYTIPPGHQVCVSPTV NQRLKDSWVERLDFNPDRYLQDNPASGEKFAYVPFGAGRHR CIGENFAYVQIKTIW STMLRLYEFDLIDGYFPTVNYTTMIHTPENPVIRYKRRSK
Purity	Greater than 85% as determined by SDS-PAGE.

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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.
GENE INFORMATION	
Gene Name	CYP51A1 cytochrome P450, family 51, subfamily A, polypeptide 1 [Homo sapiens]
Official Symbol	CYP51A1
Synonyms	CP51; CP51A_HUMAN; CYP51; CYP51A1; CYPLI; Cytochrome P450 51; Cytochrome P450 51A1; Cytochrome P450-14DM; Cytochrome P45014DM; Cytochrome P450LI; Lanosterol 14-alpha demethylase; LDM; P450 14DM; P450L1; Sterol 14-alpha demethylase;
Gene ID	1595
mRNA Refseq	NM_000786.3
Protein Refseq	NP_000777.1
MIM	601637
UniProt ID	Q16850

SDS-PAGE

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