Recombinant Full Length Human Lanosterol 14-Alpha Demethylase(Cyp51A1) Protein, His-Tagged

Cat. No. RFL7658HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human Lanosterol 14-alpha demethylase(CYP51A1) Protein (Q16850) (1-503aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Full Length (1-503)
Form	Lyophilized powder
AA Sequence	MLLLGLLQAGGSVLGQAMEKVTGGNLLSMLLIACAFTLSLVYLIRLAAGHLVQLPAGV KS PPYIFSPIPFLGHAIAFGKSPIEFLENAYEKYGPVFSFTMVGKTFTYLLGSDAAALL FNS KNEDLNAEDVYSRLTTPVFGKGVAYDVPNPVFLEQKKMLKSGLNIAHFKQHVSI IEKETK EYFESWGESGEKNVFEALSELIILTASHCLHGKEIRSQLNEKVAQLYADLDG GFSHAAWL LPGWLPLPSFRRRDRAHREIKDIFYKAIQKRRQSQEKIDDILQTLLDATY KDGRPLTDDE VAGMLIGLLLAGQHTSSTTSAWMGFFLARDKTLQKKCYLEQKTVCG ENLPPLTYDQLKDL NLLDRCIKETLRLRPPIMIMMRMARTPQTVAGYTIPPGHQVCV SPTVNQRLKDSWVERLD FNPDRYLQDNPASGEKFAYVPFGAGRHRCIGENFAYVQ IKTIWSTMLRLYEFDLIDGYFP TVNYTTMIHTPENPVIRYKRRSK
Purity	Greater than 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C

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	for up to one week.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Storage Buffer	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
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℃/-80℃. Our default final concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION

Gene Name	CYP51A1
Synonyms	CYP51A1; CYP51; Lanosterol 14-alpha demethylase; LDM; CYPLI; Cytochrome P450 51A1; Cytochrome P450-14DM; Cytochrome P45014DM; Cytochrome P450LI; Sterol 14-alpha demethylase
UniProt ID	Q16850

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