

Recombinant Human CYP17A1 protein, His-tagged

Cat. No. CYP17A1-2787H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human CYP17A1 protein(P05093)(24-508aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	24-508aa
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	58.6 kDa
AA Sequence	GAKYPKSLLSLPLVGSPLPFLPRHGHMHNNFFKLQKKYGPIYSVRMGTKTTVIVGHHQ LAKEVLIKKGKDFSGRPQMATLDIASNNRKGIAFADSGAHWQLHRRLAMATFALFKD GDQKLEKIICQEISTLCDMLATHNGQSIDISFPVFVAVTNVISLICFNTSYKNGDPELNV IQNYNEGIIDNLSKDSLVDLVPWLKIFPNKTLEKLKSHVKIRNDLLNKILENYKEKFRSD SITNMLDTLMQAKMNSDNGNAGPDQDSELLSDNHILTTIGDIFGAGVETTTSVVKWT LAFLHNPQVKKKLYEEIDQNVGFSRTPTISDRNRLLLLLEATIREVLRLRPVAPMLIPH KANVDSSIGFAVDKGTVEIINLWALHHEKEWHQPDQFMPERFLNPAGTQLISPSV SYLPFGAGPRSCIGEILARQELFLIMAWLLQRFDLEVPDDGQLPSLEGIPKVVFLIDSF KVKIKVRQAWREAQAEGST

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Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	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. Our default final concentration of glycerol is 50%.

GENE INFORMATION

Gene Name	CYP17A1 cytochrome P450, family 17, subfamily A, polypeptide 1 [Homo sapiens]
Official Symbol	CYP17A1
Synonyms	CYP17A1; cytochrome P450, family 17, subfamily A, polypeptide 1; CYP17, cytochrome P450, subfamily XVII (steroid 17 alpha hydroxylase), adrenal hyperplasia; steroid 17-alpha-hydroxylase/17,20 lyase; CPT7; P450C17; S17AH; Steroid 17 alpha monooxygenase; CYPXVII; cytochrome P450c17; cytochrome P450-C17; cytochrome P450 17A1; cytochrome p450 XVIIA1; steroid 17-alpha-monooxygenase; cytochrome P450, subfamily XVII (steroid 17-alpha-hydroxylase), adrenal hyperplasia; CYP17;
Gene ID	1586
mRNA Refseq	NM_000102
Protein Refseq	NP_000093
MIM	609300

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UniProt ID

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