

Steroid 17-alpha-hydroxylase/17,20 lyase (CYP17A1) Recombinant Protein | CYP17A1 recombinant protein

Recombinant Human Steroid 17-alpha-hydroxylase/17,20 lyase (CYP17A1)

CATALOG # AAA18482	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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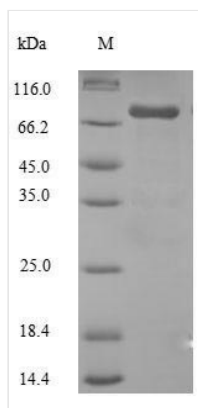
PRODUCT SYNONYMS

Steroid 17-alpha-hydroxylase/17; 20 lyase (CYP17A1); Recombinant Human Steroid 17-alpha-hydroxylase/17; 17-alpha-hydroxyprogesterone aldolase; CYPXVII; Cytochrome P450 17A1; Cytochrome P450-C17; Cytochrome P450c17; Steroid 17-alpha-monooxygenase; CYP17A1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	1-508aa; Full Length
Sequence	MWELVALLL TLAYLFWPKR RCPGAKYPKS LLSLPLVGSL PFLPRHGHMH NNFFKLQKKY GPIYSVRMGT KTTVIVGHHQ LAKEVLIKKG KDFSGRPQMA TLDIASNNRK GIAFADSGAH WQLHRRlama TFALFKDGDQ KLEKIICQEI STLCDMLATH NGQSIDISFP VFVAVTNVIS LICFNTSYKN GDPELNVIQN YNEGIIDNLS KDSLVDLVPW LKIFPNKTLE KLKSHVKIRN DLLNKILENY KEKFRSDSIT NMLDTLMQAK MNSDNGNAGP DQDSELLSDN HILTTIGDIF GAGVETTTSV VKWTLAFLH NPQVKKKLYE EIDQNVGFSR TPTISDRNRL LLEATIREV LRLRPVAPML IPHKANVDSS IGEFAVDKGT EVIINLWALH HNEKEWHQPD QFMPEFLNP AGTQLISPSV SYLPFGAGPR SCIGEILARQ ELFLIMAWLL QRFDLEVPDD GQLPSLEGIP KVVFLIDSK VKIKVRQAWR EAQAEGST
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for CYP17A1 recombinant protein	Conversion of pregnenolone and progesterone to their 17-alpha-hydroxylated products and subsequently to dehydroepiandrosterone (DHEA) and androstenedione. Catalyzes both the 17-alpha-hydroxylation and the 17,20-lyase reaction. Involved in sexual development during fetal life and at puberty.
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Product Categories/Family for CYP17A1 recombinant protein	Metabolism
References	Cytochrome P450c17 (steroid 17 alpha-hydroxylase/17,20 lyase)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503195
NCBI GeneID	1586
NCBI Accession #	NP_000093.1
NCBI GenBank Nucleotide #	NM_000102.3
UniProt Accession #	P05093; Q5TZV7
Molecular Weight	84.4 kDa
NCBI Official Full Name	steroid 17-alpha-hydroxylase/17,20 lyase
NCBI Official Synonym Full Names	cytochrome P450 family 17 subfamily A member 1
NCBI Official Symbol	CYP17A1
NCBI Official Synonym Symbols	CPT7; CYP17; S17AH; P450C17
NCBI Protein Information	steroid 17-alpha-hydroxylase/17,20 lyase
UniProt Protein Name	Steroid 17-alpha-hydroxylase/17,20 lyase
UniProt Gene Name	CYP17A1
UniProt Synonym Gene Names	CYP17; S17AH; Cytochrome P450c17
UniProt Entry Name	CP17A_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/cyp17a1-recombinant-protein-e-coli/18482>