

## Recombinant Human CYP21A2 protein, GST-tagged

**Cat. No.** CYP21A2-2790H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human CYP21A2 protein(P08686)(1-494aa), fused to N-terminal GST tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-494aa
<b>Form</b>	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.
<b>Molecular Mass</b>	82.9 kDa
<b>AA Sequence</b>	<p>MLLLGLLLLPLLAGARLLWNWWKLRSLHLPPLAPGFLHLLQPDLPIYLLGLTQKFGPI  YRLHLGLQDVVVLNSKRTIEEAMVKKWADFAGRPEPLTYKLVSKNYPDLSLGDYSLL  WKAHKKLTRSALLLGIRDSMEPVVEQLTQEFCEMRAQPGRPVAIEEEFSLTCSIIC  YLTFGDKIKDDNLMPAYYKCIQEVLKTWSHWSIQIVDVIPFLRFFPNPGLRRLKQAIK  RDHIVEMQLRQHKESLVAGQWRDMDYMLQGVAQPSMEEGSGQLLEGHVHMAA  VDLLIGGTETTANTLSWAVVFLHHPEIQRLQEELDHELGPASSRVVPYKDRARL  PLLNTAIAEVLRLRPVPLALPHRTRTPSSISGYDIPEGTVIIPNLQGAHLDETWWERP  HEFWPDRFLEPGKNSRALAFGCGARVCLGEPLARLELFVVLTRLLQAFTLLPSGDAL  PSLQPLPHCSVILKMQPFQVRLQPRGMGAHSPGQNQ</p>

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<b>Purity</b>	Greater than 85% as determined by SDS-PAGE.
<b>Storage</b>	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	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%.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	CYP21A2 cytochrome P450, family 21, subfamily A, polypeptide 2 [ Homo sapiens ]
<b>Official Symbol</b>	CYP21A2
<b>Synonyms</b>	CYP21A2; cytochrome P450, family 21, subfamily A, polypeptide 2; CYP21, CYP21B, cytochrome P450, subfamily XXIA (steroid 21 hydroxylase, congenital adrenal hyperplasia), polypeptide 2; steroid 21-hydroxylase; CA21H; CAH1; CPS1; P450c21B; Steroid 21 monooxygenase; 21-OHase; cytochrome P450 21; cytochrome P450 XXI; cytochrome P450-C21B; steroid 21-monooxygenase; cytochrome P450, subfamily XXIA (steroid 21-hydroxylase, congenital adrenal hyperplasia), polypeptide 2; CYP21; CYP21B; MGC150536; MGC150537;
<b>Gene ID</b>	1589
<b>mRNA Refseq</b>	NM_000500
<b>Protein Refseq</b>	NP_000491
<b>MIM</b>	613815

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UniProt ID

P08686

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