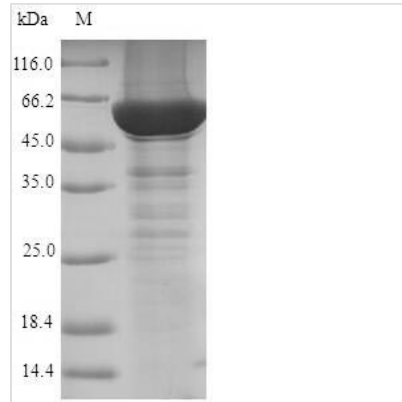




# Recombinant Human Steroid 21-hydroxylase (CYP21A2)

<b>Product Code</b>	CSB-YP006400HU
<b>Relevance</b>	Specifically catalyzes the 21-hydroxylation of steroids. Required for the adrenal synthesis of mineralocorticoids and glucocorticoids.
<b>Abbreviation</b>	Recombinant Human CYP21A2 protein
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	P08686
<b>Product Type</b>	Recombinant Proteins
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	Greater than 90% as determined by SDS-PAGE.
<b>Sequence</b>	MLLLGLLLLPLLAGARLLWNWWKLRSLHLPPLAPGFLHLLQPDLPIYLLGLTQK FGPIYRLHLGLQDVVVLNSKRTIEEAMVKKWADFAGRPEPLTYKLVSKNYPDL SLGDYSLLWKAHKKLTRSALLLGIRDSMEPVVEQLTQEFCEMRMQPGTPVAI EEEFSLTCSIICYLTFGDKIKDDNMPAYYKCIQEVKLTWSHWSIQIVDVIPFLR FFPNPGLRRLKQAIEKRDHIVEMQLRQHKESLVAGQWRDMMDYMLQGVAQP SMEEGSGQLLEGHVHMAAVDLLIGGTETTANTLSWAVVFLHHPHPEIQRLQEE LDHELPGGASSSRVPYKDRARLPLLNATIAEVLRLRPVPLALPHRTRTRPSSIS GYDIPEGTVIIPNLQGAHLDETIVWERPHEFWPDRFLEPGKNSRALAFGCGARV CLGEPLARLELFVVLTRLLQAFTLLPSGDALPSLQPLPHCSVILKMQPFQVRLQ PRGMGAHSPGQSQ
<b>Research Area</b>	Signal Transduction
<b>Source</b>	Yeast
<b>Target Names</b>	CYP21A2
<b>Protein Names</b>	Recommended name: Steroid 21-hydroxylase EC= 1.14.99.10 Alternative name(s): 21-OHase Cytochrome P-450c21 Cytochrome P450 21 Cytochrome P450 XXI Cytochrome P450-C21 Cytochrome P450-C21B
<b>Expression Region</b>	1-494aa
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	N-terminal 6xHis-tagged
<b>Mol. Weight</b>	57.9kDa
<b>Protein Length</b>	Full Length
<b>Image</b>	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

### Shelf Life

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