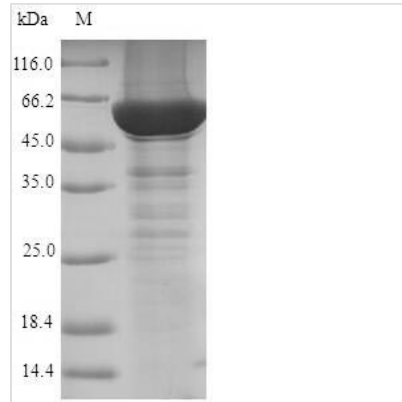




Recombinant Human Steroid 21-hydroxylase (CYP21A2)

Product Code	CSB-YP006400HU
Relevance	Specifically catalyzes the 21-hydroxylation of steroids. Required for the adrenal synthesis of mineralocorticoids and glucocorticoids.
Abbreviation	Recombinant Human CYP21A2 protein
Storage	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.
Uniprot No.	P08686
Product Type	Recombinant Proteins
Immunogen Species	Homo sapiens (Human)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	MLLLGLLLLPLLAGARLLWNWWKLRSLHLPPLAPGFLHLLQPDLPIYLLGLTQK FGPIYRLHLGLQDVVVLNSKRTIEEAMVKKWADFAGRPEPLTYKLVSKNYPDL SLGDYSLLWKAHKKLTRSALLGIRDSMEPVVEQLTQEFCEMRMQPQTPVAI EEEFSLTCSIICYLTFGDKIKDDNLMPAYYKCIQEVLKTWSHWSIQIVDVIPFLR FFPNPGLRRLKQAIEKRDHIVEMQLRQHKESLVAGQWRDMMDYMLQGVAQP SMEEGSGQLLEGHVHMAAVDLLIGGTETTANTLSWAVVFLHHPHPEIQRLQEE LDHELPGGASSSRVPYKDRARLPLLNATIAEVLRLRPVPLALPHRTTRPSSIS GYDIPEGTVIIPNLQGAHLDETWERPHEFWPDRFLEPGKNSRALAFGCGARV CLGEPLARLELFVVLTRLLQAFTLLPSGDALPSLQPLPHCSVILKMQPFQVRLQ PRMGGAHSPGQSQ
Research Area	Signal Transduction
Source	Yeast
Target Names	CYP21A2
Protein Names	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
Expression Region	1-494aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-tagged
Mol. Weight	57.9kDa
Protein Length	Full Length
Image	



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

Shelf Life

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