

Steroid 21-hydroxylase Recombinant Protein | CYP21A2 recombinant protein

Recombinant Human Steroid 21-hydroxylase (CYP21A2)

CATALOG # AAA309819	HOST Yeast	REACTIVITY Human
-------------------------------	----------------------	----------------------------

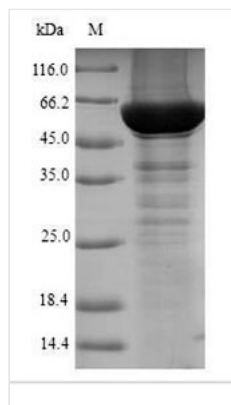
PRODUCT SYNONYMS

Steroid 21-hydroxylase; Recombinant Human Steroid 21-hydroxylase (CYP21A2); 21-OHase; CYP21A2 recombinant protein

PRODUCT SPECIFICATIONS

Host	Yeast
Reactivity	Human
Purity/Purification	Greater than 90% as determined by SDS-PAGE.
Form/Format	Tris-based buffer, 50% glycerol
Sequence Positions	Full Length, 1-494aa
Sequence	MLLLGLLLLP LLAGARLLWN WWKLRLSLHP PLAPGFLHLL QPDLPIYLLG LTQKFGPIYR LHLGLQDVVV LNSKRTIEEA MVKKWADFAG RPEPLTYKLV SKNYPDLSLG DYSLLWKAHK KLTRSALLG IRDSMEPVVE QLTQEFCEM RAQPGTPVAI EEEFSLTCS IICYLTFGDK IKDDNLMPAY YKCIQEVLT WSHWSIQIVD VIPFLRFFPN PGLRRLKQAI EKRDHIVEMQ LRQHKESLVA GQWRDMMMDYM LQGVAQPSME EGSGQLLEGH VHMAAVDLLI GGTETTANTL SWAVVFLHH PEIQQLQEE LDHELPGAS SSRVPYKDRA RLPLLNATIA EVLRLRPVVP LALPHRTTRP SSISGYDIPE GTVIIPNLQG AHLDETWER PHEFWPDRFL EPGKNSRALA FGCGARVCLG EPLARLELFV VLTRLLQAF LLPSGDALPS LQPLPHCSVI LKMQPFQVRL QPRGMGAHSP GQNQ
Tag Info	N-terminal 6xHis-tagged
Preparation and 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 degree C/-80 degree C. The shelf life of lyophilized form is 12 months at -20 degree C/-80 degree C.

IMAGES



SDS-PAGE

Greater than 90% as determined by SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for CYP21A2 recombinant protein	Specifically catalyzes the 21-hydroxylation of steroids. Required for the adrenal synthesis of mineralocorticoids and glucocorticoids.
---	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	323510663
NCBI GeneID	1589
NCBI Accession #	NP_000491.4
NCBI GenBank Nucleotide #	NM_000500.7
UniProt Accession #	P08686; P04033; Q01204; Q08AG8; Q16749; Q16806; Q5ST44; Q96NU8; A2BHY6
Molecular Weight	57.89 kDa
NCBI Official Full Name	steroid 21-hydroxylase isoform a
UniProt Protein Name	Steroid 21-hydroxylase
UniProt Gene Name	CYP21A2
UniProt Synonym Gene Names	CYP21; CYP21B

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://stage.aaabiotech.com/cyp21a2-recombinant-protein-yeast/309819>