

Product datasheet for TP527463

Cyp21a1 (NM_009995) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse cytochrome P450, family 21, subfamily a, polypeptide 1 (Cyp21a1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR227463 representing NM_009995 Red =Cloning site Green =Tags(s)

MLLPGLLLLLLLLAGTRWLWGQWKLRLHLPPLAPGFLHFLQPNLPYLLGLTQKLGPIYRIRLGMQDVV
 VLNSNRTIEEALIQKWVDFAGRPHMLNGKMDLDLSLDYSLMWKAHKKLSRSALMLGMRDSMEPLIEQ
 LT
 QEFCEMRQAQATPVAIHKEFSFLTCSIISCLTFGDKDSTLVQTLHDCVQDLLQAWNHWISIQLTIPLL
 RFLPNPGLQKLKQIQESRDHIVKQQLKRHKDSLAVAGQWKDMIDYMLQGVKQQRDGKDEERLHEGHVH
 MSV
 VDLFIGGTETTATTLWAVAFLLHHPEIQKRLQEELDLKLGPGSQLLYRNMQLPLLMTATIAEVLRLRPV
 VPLALPHRATRASSISGYDIPKDMVIIPNIQGANLDEMVMWELPSKFWPDRFLEPGKNPRTPSFGCGARVC
 LGEPLARLELFVVLARLLQAFTLLPPPDGTLPSLQPQPYAGINLPIPPFQVRLQPRNLAPQDQGERP

SGPTRTRRLEQKLISEEDLANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	55.8 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.


[View online »](#)

RefSeq:	<u>NP_034125</u>
Locus ID:	13079
UniProt ID:	<u>P03940</u>
RefSeq Size:	1939
Cytogenetics:	17 18.36 cM
RefSeq ORF:	1461
Synonyms:	21-OH; 21OH; 21OHA; 21OHB; Cyp21; Cyp21-ps1; Cyp21a2-ps; Cyp21a2ps; Cyp21B; CYP21OH-A
Summary:	Specifically catalyzes the 21-hydroxylation of steroids. Required for the adrenal synthesis of mineralocorticoids and glucocorticoids.[UniProtKB/Swiss-Prot Function]