

Product datasheet for **TP508434**

Cyp11a1 (NM_019779) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse cytochrome P450, family 11, subfamily a, polypeptide 1 (Cyp11a1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR208434 protein sequence Red =Cloning site Green =Tags(s)

MLAKGLSLRSVLVKGCPFLSPTWQGPVLSTGKGAGTSTSSPRSFNEIPSPGDNGWLNLYHFWRESGTQK
IHYHQMQSFQKYGPIYREKLGTLSEVYIVDPKASILFSCGPNPERFLVPPWVAYHQYYQRPVLFKS
SDAWKKDRIVLNQEVMAPGAIAKFNVPLLEGVAQDFIKVLHRRKQKNSGNFSGVISDDLFRFSFESSV
IFGERMGMLEEIVDPEAQRFINAVYQMFHTSVPMNLNPPDFRLLRRTKTWKDHAAAWDVIFNKADEYTON
FYWDLRQKRDFSQYPGVLYSLLGGNKLPFKNIQANITEMLAGGVDTTSMTLQWNLYEMAHNLKVQEMLRA
EVLAARRQAQGDMAKMOVQLVSLKASIKETLRLHPISVTLQRYTVNDLVLNRNYKIPAKTLVQVASFAMGR
DPGFFPNPNKFDPTRWLEKSQNTTFRYLGFGWGVRQCLGRRIAELEMTILLINLLENFRIEVQNLRDVG
TKFSLILMPENPILFNFQPLKQDLGPAVTRKDNTVN

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	60.3 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.
RefSeq:	NP_062753



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Locus ID:	13070
UniProt ID:	Q9QZ82
RefSeq Size:	1774
Cytogenetics:	9 31.63 cM
RefSeq ORF:	1581
Synonyms:	csc; Cyp11a; Cypxia1; D9Ertd411e; P450sc; Scc
Summary:	Catalyzes the side-chain cleavage reaction of cholesterol to pregnenolone, the precursor of most steroid hormones.[UniProtKB/Swiss-Prot Function]