

Product datasheet for TP524509

Cyp19a1 (NM_007810) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse cytochrome P450, family 19, subfamily a, polypeptide 1 (Cyp19a1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR224509 representing NM_007810 Red=Cloning site Green=Tags(s)

MFLEMLNPMQYNVTIMVPETVTVSAMPLLLIMGLLLLIWNCESSSIPGPGYCLGIGPLISHGRFLWMGI
GSACNYNKMYGEFMRVWISGEETLIISKSSSMFHVMKSHYISRFGSKRGLQCIGMHENGIIFNNNPSL
WRTIRPFFMKALTGPGLVRMVEVCVESIKQHLDRLGEVTDTSYGVDVLTLMRHIMLDTSNMLFLGIPLDE
SAIVKKIQGYFNAWQALLIKPNIFFKISWLYRKYERSVKDLKDEIAVLVEKKRHKVSTAEKLEDCMDFAT
DLIFAERRGDLTKENVNQCILEMLIAAPDTMSVTLYFMLLLVAEYPEVEAAILKEIHTVVGDRDIKIEDI
QNLKVVENFINESMRYQPVDLVMRRALEDDVIDGYPVKKGTNIILNIGRMHRLEYFPKPNEFTLENFEK
NVPYRYFQPFQFGPRGCAGKYIAMVMMKVVLVTLRRFQVKTLQKRCIENIPKKNDSLHPNEDRHLVEI
IFSPRNSDKYLQQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	58.5 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:	<u>NP_031836</u>



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Locus ID: 13075

UniProt ID: [P28649](#), [Q3ZAT3](#)

RefSeq Size: 2373

Cytogenetics: 9 29.49 cM

RefSeq ORF: 1509

Synonyms: Ar; ArKO; Cyp19; Int-5; Int5; p450arom

Summary: Catalyzes the formation of aromatic C18 estrogens from C19 androgens.[UniProtKB/Swiss-Prot Function]