

## Product datasheet for **TP507978**

### Cyp26a1 (NM\_007811) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse cytochrome P450, family 26, subfamily a, polypeptide 1 (Cyp26a1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR207978 representing NM_007811 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MGLPALLASALCTFVLP LLLFLAALKLWDLYCVSSRDRSCALPLPPGTMGFPFFGETLQMVLRQRKFLQM  
KRRKYGFIYKTHLFG RPTVRVMGADNVRRILLGEHRLVSVHWPASVRTILGAGCLSNLHDSSHKQRKKVI  
MQAFSREALQCYVPVIAEEVSSCLEQWLSCGERLLVYPEVKRLMFRIAMRILLGCEPGPAGGGEDEQQL  
VEAFEEMTRNLFSLPIDVPFSGLYRGVKARNLIHARIEENIRAKIRRLQATEPDGGCKDALQLLIEHSWE  
RGERLDMQALKQSSTELLFGGHETTASAATSLITYLGLYPHVLQKVREEIKSKGLLCKSNQDNKLDMETL  
EQLKYTGCVIKETLRLNPPVPGGFRVALKTFELNGYQIPKGWNVIYSICDTHDVADIFTNKEEFNPDRFI  
VPHPEDASRFSFIPFGGGLRSCVKGKEFAKILLKIFTVELARHCDWQLLNGPPTMKTSPVYPVDNLPARF  
THFQGDI

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

Tag:	C-MYC/DDK
Predicted MW:	56.6 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><a href="#">NP_031837</a></u>



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Locus ID:	13082
UniProt ID:	<a href="#">O55127</a> , <a href="#">A0A0R4J061</a>
RefSeq Size:	1756
Cytogenetics:	19 C2
RefSeq ORF:	1491
Synonyms:	Cyp26; P450RA; P450RAI; RAH
Summary:	Plays a key role in retinoic acid metabolism. Acts on retinoids, including all-trans-retinoic acid (RA) and its stereoisomer 9-cis-RA. Capable of both 4-hydroxylation and 18-hydroxylation. Responsible for generation of several hydroxylated forms of RA, including 4-OH-RA, 4-oxo-RA and 18-OH-RA.[UniProtKB/Swiss-Prot Function]