

Product datasheet for **TP504963**

Rdh13 (NM_175372) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse retinol dehydrogenase 13 (all-trans and 9-cis) (Rdh13), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR204963 protein sequence Red =Cloning site Green =Tags(s)

MSRFLLPVSVVGTVIGGTVLLKDYVAGGACPSKATIPGKTIVITGANTGIGKQTALELAKRGGNVILACR
DMEKCEVAAKDIRGETLNPRVRAERLDLASLKSIREFARKVIKEEERVDILVNNAAVMRCPHWTTEDGFE
MQFGVNYLGHFLLTNLLLDKLGASAPSRINLSSLAHVAGHIDFEDLNWQMKKYDTKAAYCQSKLAVVLF
TKELSHRLQGSQVTVNALHPGVARTELGRHTGMHNSAFSGFMLGPFVLLFKSPQLAAQPSTYLAVAEEL
ENVSGKYFDGLREKAPSPEAEDEEVARRLWTESARLVGLAMAHGSPGRGHAIPR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	36.5 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_780581</u>
Locus ID:	108841
UniProt ID:	<u>Q8CEE7</u>



[View online »](#)

RefSeq Size: 3044

Cytogenetics: 7 A1

RefSeq ORF: 1005

Synonyms: 8430425D21Rik

Summary: Retinol dehydrogenase with a clear preference for NADP. Oxidizes all-trans-retinol, but seems to reduce all-trans-retinal with much higher efficiency. Has no activity towards steroid.
[UniProtKB/Swiss-Prot Function]