

Product datasheet for **TP504965**

Rdh14 (NM_023697) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse retinol dehydrogenase 14 (all-trans and 9-cis) (Rdh14), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR204965 protein sequence Red =Cloning site Green =Tags(s)

MAVASVAAALLAALGGALWLAARRFSGPRNQRRQGGGDPGLMHGKTVLITGANSGLGRATAAELLRLGAR
VIMGCRDRARAEAAAGQLRQELCQAGGAGPDGTDGQLVVKELDLASLRVRAFQCQELLQEEPRLDVLINN
AGVFHPCPYTKTEDGFEMQFGVNHGHLFLLTNLLGLLKSSAPSRIVVSSKLYKYGEINFEDLNSEQSYN
KSFYCYSRSLANILFTRELARRLEGNTVTVNLHPGIVRTNLGRHIHIPLLARPLFNLVSWAFFKTPLEG
AQTSIYLACSPDVEGVSGRYFGDCKEEELLPKAMDES VARKLWDISEVMVGILK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	36.8 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.
RefSeq:	NP_076186
Locus ID:	105014
UniProt ID:	Q9ERI6



[View online »](#)

RefSeq Size:	1475
Cytogenetics:	12 A1.1
RefSeq ORF:	1005
Synonyms:	3110030G19Rik; AW215439; PAN2
Summary:	Retinol dehydrogenase with a clear preference for NADP. Displays high activity towards 9-cis, 11-cis and all-trans-retinol. Shows a very weak activity towards 13-cis-retinol. Has no activity towards steroids.[UniProtKB/Swiss-Prot Function]