

Product datasheet for TP303411

RDH14 (NM_020905) Human Recombinant Protein

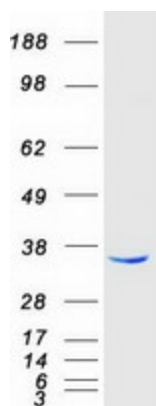
Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human retinol dehydrogenase 14 (all-trans/9-cis/11-cis) (RDH14), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC203411 protein sequence Red =Cloning site Green =Tags(s)
	<p>MAVATAAAVLAAALGGALWLAARRFVGPVQRLRRGGDPGLMHGKTVLITGANSGLGRATAAELLRLGARV IMGCRDRARAEAAAGQLRREL RQA AECGPEPGVSGV GELIVRELDL ASLRSVRAFCEMLQEEPRLDVLI NNAGIFQCPYMKTEDGFEMQFGVNH LGHFL LTNLL LGLLKSSAPSRIVVSSKLYKYGDINFDDLNSEQS YNKSFCYSRSLANILFTRELARRLEGTNVTNVNLHPGIVRTNLGRHIHPLLKPLFNLVSWAFFKTPV EGAQTSIYLASSPEVEGVSGRYFGDCKEEELLPKAMDES VARKLWDISEVMVGLLK</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-Myc/DDK
Predicted MW:	36.7 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
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
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.
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_065956
Locus ID:	57665



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UniProt ID:	<u>Q9HBH5, Q53RX3</u>
RefSeq Size:	1602
Cytogenetics:	2p24.2
RefSeq ORF:	1008
Synonyms:	PAN2; SDR7C4
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 steroid.[UniProtKB/Swiss-Prot Function]
Protein Families:	Druggable Genome, Transmembrane

Product images:

Coomassie blue staining of purified RDH14 protein (Cat# TP303411). The protein was produced from HEK293T cells transfected with RDH14 cDNA clone (Cat# [RC203411]) using MegaTran 2.0 (Cat# [TT210002]).