

Product datasheet for TP303411L

RDH14 (NM_020905) Human Recombinant Protein

Product data:

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| Product Type: | Recombinant Proteins |
| Description: | Recombinant protein of human retinol dehydrogenase 14 (all-trans/9-cis/11-cis) (RDH14), 1 mg |
| Species: | Human |
| Expression Host: | HEK293T |
| Expression cDNA Clone or AA Sequence: | >RC203411 protein sequence Red=Cloning site Green=Tags(s) |

MAVATAAAVLAALGGALWLAARRFVGPRVQRLRRGGDPGLMHGKTVLITGANSGLGRATAAELLRLGARV
IMGCRDRARAEAAAGQLRREL RQA AECGPEPGVSGV GELIVRELDLASLRSVRAFCEMLQEPRLDVLI
NNAGIFQCPYMKTEDGFEMQFVNH LGHLLNLLLGLLKSSAPSRIVVSSKLYKYGDINFDDLNSEQS
YNKSFYCYSRSLANILFTRELARRLEGTNVTNVNLHPGIVRTNLGRHIHPLLKPLFNLVSWAFFKTPV
EGAQTSIYLASSPEVEGVSGRYFGDCKEEELLPKAMDES VARKLWDISEVMVGLLK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

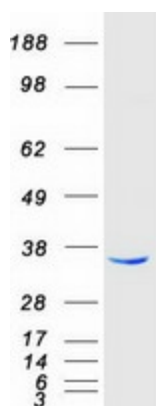
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|----------------|--|
| Tag: | C-Myc/DDK |
| Predicted MW: | 36.7 kDa |
| Concentration: | >0.05 µg/µL as determined by microplate BCA method |
| Purity: | > 80% as determined by SDS-PAGE and Coomassie blue staining |
| Buffer: | 25 mM Tris-HCl, 100 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: | Q9HBH5 , Q53RX3 |
| 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]).