

## Product datasheet for **TP505116**

### **Rdh10 (NM\_133832) Mouse Recombinant Protein**

#### **Product data:**

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Purified recombinant protein of Mouse retinol dehydrogenase 10 (all-trans) (Rdh10), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
<b>Species:</b>	Mouse
<b>Expression Host:</b>	HEK293T
<b>Expression cDNA Clone or AA Sequence:</b>	>MR205116 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MNIVVEFFVWTFKVLWAFVLAARWLVRPKEKSVAGQVCLITGAGSGLGRLFALEFARRRALLVLWDINT  
QSNEETAGMVRHIYRDLEAADAALQAGKGEEELPPCNLQVFTYTCDVGKRENVYLTAERVRKEVGEVS  
VLVNNAGVVSQHLLLECPDELIERTMMVNCHAHFWTTKAFLPTMLEINHGHIVTVASSLGLFSTAGVEDY  
CASKFGVVG FHESLSHELKAAEKDGIKTTLVCPYLVDTGMFRGCRIRKEIEPFLPPLKPDYCVKQAMRAI  
LTDQPMVCTPRLMYIVTFMKSILPFEAVVCMYRFLGADKCMYPFIAQRKQATNNNEAKNGI

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

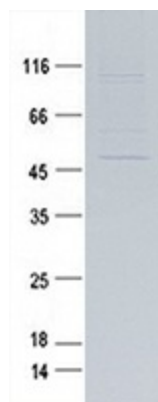
<b>Tag:</b>	C-MYC/DDK
<b>Predicted MW:</b>	38.1 kDa
<b>Concentration:</b>	>0.05 µg/µL as determined by microplate BCA method
<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C after receiving vials.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_598593</a>
<b>Locus ID:</b>	98711
<b>UniProt ID:</b>	<a href="#">Q8VCH7</a>



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RefSeq Size:	2295
Cytogenetics:	1 4.94 cM
RefSeq ORF:	1026
Synonyms:	3110069K09Rik; 4921506A21Rik; AI875664; AW549993; D1Ert762e; m366Asp
Summary:	Retinol dehydrogenase with a clear preference for NADP. Converts all-trans-retinol to all-trans-retinal. Has no detectable activity towards 11-cis-retinol, 9-cis-retinol and 13-cis-retinol (By similarity). Required for normal embryonic development.[UniProtKB/Swiss-Prot Function]

### Product images:



Purified recombinant protein Rdh10 was analyzed by SDS-PAGE gel and Coomassie Blue Staining.