

Product datasheet for **TP328262**

RDH13 (NM_001145971) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Homo sapiens retinol dehydrogenase 13 (all-trans/9-cis) (RDH13), nuclear gene encoding mitochondrial protein, transcript variant 1, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC228262 representing NM_001145971 Red =Cloning site Green =Tags(s)
	<p>MSRYLLPLSALGTVAGAAVLLKDYVTGGACPSKATIPGKTVIVTGANTGIGKQTALELARRGGNIILACR DMEKCEAAAKDIRGETLNHHVNARHLDLASLKSIREFAAKIIIEEERVDILINNAGVMRCPHWTTEDGFE MQFGVNHLGHFLLTNLLLDKLGKASAPSRINLSSLAHVAGHIDFDDLNWQTRKYNTKAAYCQSKLAIVLF TKELSRRLQGGSGVTVNALHPGVARTELGRHTGIHGSTFSSTTLGPIFWLLVKSPELAAQPSTYLAVAEEL ADVSGKYFDGLKQKAPAPEAEDEEVARRLWAESARLVGLEAPSVREQPLPR</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-Myc/DDK
Predicted MW:	35.8 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
Preparation:	NULL or Add: Recombinant proteins 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_001139443
Locus ID:	112724



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UniProt ID: [Q8NBN7](#), [A0A024R4M8](#), [B3KVA3](#)

Cytogenetics: 19q13.42

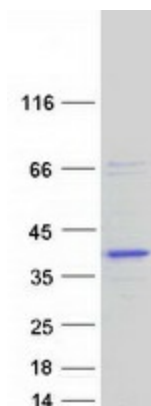
RefSeq ORF: 993

Synonyms: SDR7C3

Summary: This gene encodes a mitochondrial short-chain dehydrogenase/reductase, which catalyzes the reduction and oxidation of retinoids. The encoded enzyme may function in retinoic acid production and may also protect the mitochondria against oxidative stress. Alternatively spliced transcript variants have been described. [provided by RefSeq, Mar 2009]

Protein Families: Druggable Genome

Product images:



Coomassie blue staining of purified RDH13 protein (Cat# TP328262). The protein was produced from HEK293T cells transfected with RDH13 cDNA clone (Cat# [RC228262]) using MegaTran 2.0 (Cat# [TT210002]).