

Product datasheet for **TP328262M**

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, 100 µg

Species: Human

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >RC228262 representing NM_001145971
Red=Cloning site **Green**=Tags(s)

MSRYLLPLSALGTVAGAAVLLKDYVTGGACPSKATIPGKTVIVTGANTGIGKQTALELARRGGNIILACR
DMEKCEAAAKDIRGETLNHHVNARHLDLASLSIREFAAKIIIEEERVDILINNAGVMRCPHWTTEDGFE
MQFGVNH LGHFLLTNLLLDKLGASAPSRINLSSLAHVAGHIDFDDLNWQTRKYNTKAAYCQSKLAI VLF
TKELSRRLQGGSGVTVNALHPGVARTELGRHTGIHGSTFSSTTLGPIFWLLVKSPELAAQPSTYLAVAEEL
ADVSGKYFDGLKQKAPAPEAEDEEVARRLWAESARLVGLEAPSVREQPLPR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

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

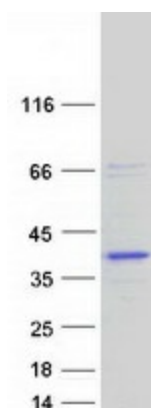
RefSeq ORF: 993

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]).