

Product datasheet for PH303411

RDH14 (NM_020905) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	RDH14 MS Standard C13 and N15-labeled recombinant protein (NP_065956)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC203411
Predicted MW:	36.9 kDa
Protein Sequence:	>RC203411 protein sequence Red=Cloning site Green=Tags(s)

MAVATAAAVLAALGGALWLAARRFVGPRVQRLRRGGDPGLMHGKTVLITGANSGLGRATAAELLRLGARV
IMGCRDRARAEEAAGQLRREL RQAAECGPEPGVSGVGELIVRELDLASLSVRAFCQEMLQEEPRLDVL I
NNAGIFQCYPYMKTEDGFEMQFGVNH LGHFLLTNLLLGLLKSSAPSRIVVVSSKLYKYGDI NFDDLNSEQS
YNKSFCYSRSKLANILFTRELARRLEGTNVTNVV LHPGIVRTNLGRHIH IPLLVKPLFNLVSWAFFKTPV
EGAQTSIYLASSPEVEGVSGRYFGDCKEEELLPKAMDES VARKLWDI SEVMVGLLK

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_065956
RefSeq Size:	1602
RefSeq ORF:	1008
Synonyms:	PAN2; SDR7C4
Locus ID:	57665



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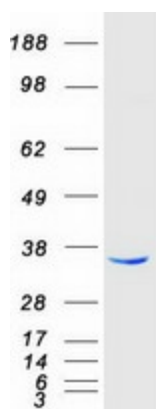
UniProt ID: [Q9HBH5, Q53RX3](#)

Cytogenetics: 2p24.2

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]).