

Product datasheet for PH305003

RDH11 (NM_016026) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	RDH11 MS Standard C13 and N15-labeled recombinant protein (NP_057110)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC205003
Predicted MW:	35.4 kDa
Protein Sequence:	>RC205003 protein sequence Red=Cloning site Green=Tags(s) MVELMFPLLLLLLPFLLYMAAPQIRKMLSSGVCTSTVQLPGKVVVVTGANTGIGKETAKELAQRGARVYL ACRDVEKGELVAKEIQTGGNQQVLRKLDLSDTKSIRAFKGFLLAEKHLHVLINNAGVMMCPYSKTAD GFEMHIGVNHGFLTHLLLEKLESAPSRIVNVSSLAHHLGRIHFHNLQGEKFNAGLAYCHSKLANI LFTQELARRLKGSGVTTYSVHPGTVQSELVRHSSFMRMWWLFSFFIKTPQGAQTSLHCALTEGLEILS GNHFSDCHVAVWSAQARNETIARRLDVSCDLLGLSID TRTRPLEQKLISEEDLAANDILDYKDDDDKV
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:	<u>NP_057110</u>
RefSeq Size:	2587
RefSeq ORF:	954
Synonyms:	ARSDR1; CGI82; HCBP12; MDT1; PSDR1; RALR1; RDJCSS; SCALD; SDR7C1
Locus ID:	51109



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UniProt ID: [Q8TC12](#), [A0A0S2Z583](#)

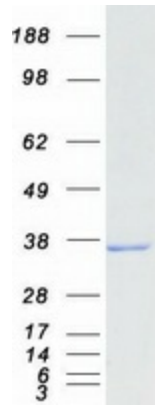
Cytogenetics: 14q24.1

Summary: The protein encoded by this gene is an NADPH-dependent retinal reductase and a short-chain dehydrogenase/reductase. The encoded protein has no steroid dehydrogenase activity. [provided by RefSeq, Nov 2011]

Protein Families: Druggable Genome

Protein Pathways: Metabolic pathways, Retinol metabolism

Product images:



Coomassie blue staining of purified RDH11 protein (Cat# [TP305003]). The protein was produced from HEK293T cells transfected with RDH11 cDNA clone (Cat# [RC205003]) using MegaTran 2.0 (Cat# [TT210002]).