

Recombinant Human RDH11 Protein, MYC/DDK-tagged, C13 and N15-labeled

Cat. No. RDH11-081H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	RDH11 MS Standard C13 and N15-labeled recombinant protein (NP_057110) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	35.4 kDa
AA Sequence	MVELMFPLLLLLLPFLLYMAAPQIRKMLSSGVCTSTVQLPGKVVVVTGANTGIGKETA KELAQRGARVYLACRDVEKGELVAKEIQT TGNQQVLVRKLDLSDTKSIRAFAGFL AEEKHLHVLINNAGVMMCPYSKTADGFEMHIGVNH LGHFL LTHLLLEKLKESAPSRIV NVSSLAHHLGRIHFHNLQGEKFYNAGLAYCHSKLANILFTQELARRLKGSGVTTYSV HPGTVQSELVRHSSFMRWWWWLFSFFIKTPQQGAQTS LH CALTEGLEILSGNHFS D CHVAWVSAQARNETIARRLWDVSCDLLGLSIDTRTRPLEQKLISEEDLAANDILDYKD DDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling

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conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name RDH11 retinol dehydrogenase 11 [Homo sapiens (human)]

Official Symbol RDH11

Synonyms RDH11; retinol dehydrogenase 11; ARSDR1; CGI82; HCBP12; MDT1; PSDR1; RALR1; RDJCSS; SCALD; SDR7C1; retinol dehydrogenase 11; HCV core-binding protein HCBP12; androgen-regulated short-chain dehydrogenase/reductase 1; prostate short-chain dehydrogenase reductase 1; retinal reductase 1; retinol dehydrogenase 11 (all-trans/9-cis/11-cis); short chain dehydrogenase/reductase family 7C, member 1; EC 1.1.1.300

Gene ID 51109

mRNA Refseq NM_016026

Protein Refseq NP_057110

MIM 607849

UniProt ID Q8TC12

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SDS-PAGE

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