

Active Recombinant Full Length Human RDH11 Protein, C-Flag-tagged

Cat. No. RDH11-441HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human RDH11 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Bio-activity	MS digestion standard
Molecular Mass	35.2 kDa
AA Sequence	MVELMFPLLLLLLPFLLYMAAPQIRKMLSSGVCTSTVQLPGKVVVVTGANTGIGKETA KELAQRGARVYL ACRDVEKGELVAKEIQT TTTGNQQVLVRKLDLSDTKSIRAFAGFL AEEKHLHVLINNAGVMMCPYSKTAD GFEMHIGVNH LGHFL LTHLLLEKLKESAPSRI VNVSSLAHHLGRIHFHNLQGEKFYNAGLAYCHSKLANI LFTQELARRLKGSGVTTYS VHPGTVQSELVRHSSFM RWMWWLFSFFIKTPQQGAQTS LHCALTEGLEILS GNHFSDCHVAWVSAQARNETIARRLWDVSCDLLGLSIDTRTRPLEQKLISEEDLAAN DILDYKDDDDKV

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Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome
Protein Pathways	Metabolic pathways, Retinol metabolism
Full Length	Full L.

GENE INFORMATION

Gene Name	RDH11 retinol dehydrogenase 11 [Homo sapiens (human)]
Official Symbol	RDH11
Synonyms	MDT1; CGI82; PSDR1; RALR1; SCALD; ARSDR1; HCBP12; RDJCSS; SDR7C1
Gene ID	51109
mRNA Refseq	NM_016026.4
Protein Refseq	NP_057110.3

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MIM 607849

UniProt ID Q8TC12



Coomassie blue staining of purified RDH11 protein.

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