

Recombinant Human RDH12 protein, His-SUMO-tagged

Cat. No. RDH12-4692H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human RDH12 protein(Q96NR8)(1-316aa), fused to N-terminal His-SUMO tag, was expressed in E. coli
Species	Human
Source	E.coli
ProteinLength	1-316aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	51.1 kDa
Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

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GENE INFORMATION

Gene Name	RDH12 retinol dehydrogenase 12 (all-trans/9-cis/11-cis) [Homo sapiens]
Official Symbol	RDH12
Synonyms	RDH12; retinol dehydrogenase 12 (all-trans/9-cis/11-cis); retinol dehydrogenase 12 (all trans and 9 cis); retinol dehydrogenase 12; FLJ30273; LCA13; SDR7C2; short chain dehydrogenase/reductase family 7C; member 2; all-trans and 9-cis retinol dehydrogenase; retinol dehydrogenase 12, all-trans and 9-cis; short chain dehydrogenase/reductase family 7C, member 2; LCA3;
Gene ID	145226
mRNA Refseq	NM_152443
Protein Refseq	NP_689656
MIM	608830
UniProt ID	Q96NR8

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