

Recombinant Human RDH12, GST-tagged

Cat. No. RDH12-2237H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human RDH12 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-316aa
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

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

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Gene ID	145226
mRNA Refseq	NM_152443
Protein Refseq	NP_689656
MIM	608830
UniProt ID	Q96NR8
Chromosome Location	14q24.1
Pathway	Metabolic pathways, organism-specific biosystem; Retinol metabolism, organism-specific biosystem; Retinol metabolism, conserved biosystem; Visual signal transduction: Cones, organism-specific biosystem; Visual signal transduction: Rods, organism-specific
Function	nucleotide binding; oxidoreductase activity; retinol dehydrogenase activity;

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