

Recombinant Human RDH5

Catalog No: #GP13603



Package Size: #GP13603-1 100ug

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Description

Product Name	Recombinant Human RDH5
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 24-318 amino acids of human RDH5
Target Name	retinol dehydrogenase 5
Other Names	RDH1; 9cRDH; SDR9C5; HSD17B9
Accession No.	Swissprot:Q92781Gene Accession:BC028298
Uniprot	Q92781
GeneID	5959;
Storage	-20~-80°C, pH 7.6 PBS

Background

This gene encodes an enzyme belonging to the short-chain dehydrogenases/reductases (SDR) family. This retinol dehydrogenase functions to catalyze the final step in the biosynthesis of 11-cis retinaldehyde, which is the universal chromophore of visual pigments. Mutations in this gene cause autosomal recessive fundus albipunctatus, a rare form of night blindness that is characterized by a delay in the regeneration of cone and rod photopigments. Alternative splicing results in multiple transcript variants. Read-through transcription also exists between this gene and the neighboring upstream BLOC1S1 (biogenesis of lysosomal organelles complex-1, subunit 1) gene.

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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