

Recombinant Human DHCR24

Catalog No: #GP11996



Package Size: #GP11996-1 100ug

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Description

Product Name	Recombinant Human DHCR24
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to C terminal 217 amino acids of human 24-dehydrocholesterol reductase
Target Name	24-dehydrocholesterol reductase
Other Names	DCE; SELADIN1; Nbla03646; seladin-1
Accession No.	Swissprot:Q15392Gene Accession:BC004375
Uniprot	Q15392
GeneID	1718;
Storage	-20~-80°C, pH 7.6 PBS

Background

This gene encodes a flavin adenine dinucleotide (FAD)-dependent oxidoreductase which catalyzes the reduction of the delta-24 double bond of sterol intermediates during cholesterol biosynthesis. The protein contains a leader sequence that directs it to the endoplasmic reticulum membrane.

Missense mutations in this gene have been associated with desmosterolosis. Also, reduced expression of the gene occurs in the temporal cortex of Alzheimer disease patients and overexpression has been observed in adrenal gland cancer cells.

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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