

Recombinant Full Length Human DHCR24 Protein, GST-tagged

Cat. No. DHCR24-731HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human DHCR24(1 a.a. - 516 a.a.) fused with GST tag at N-terminal was expressed in Wheat Germ.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	516 amino acids
Description	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.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	86.5 kDa
Applications	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein); Antibody Production; Protein Array
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

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GENE INFORMATION

Gene Name	DHCR24 24-dehydrocholesterol reductase [Homo sapiens]
Official Symbol	DHCR24
Synonyms	DHCR24; 24-dehydrocholesterol reductase; delta(24)-sterol reductase; KIAA0018; seladin 1; diminuto/dwarf1 homolog; selective AD indicator 1; desmosterol-to-cholesterol enzyme; 3 beta-hydroxysterol delta 24-reductase; 3-beta-hydroxysterol delta-24-reductase; DCE; SELADIN1; Nbla03646; seladin-1
Gene ID	1718
mRNA Refseq	NM_014762
Protein Refseq	NP_055577
MIM	606418
UniProt ID	Q15392

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