

Recombinant Human DHCR24 protein, MYC/DDK-tagged

Cat. No. DHCR24-105H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DHCR24 fused with MYC/DDK tag at C-terminal was expressed in HEK293.
Species	Human
Source	HEK293
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	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	57.6 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Notes	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Concentration	>50 ug/mL as determined by microplate BCA method

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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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