

Recombinant Mouse Dhcr24 Protein, Myc/DDK-tagged

Cat. No. Dhcr24-2542M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length 24-dehydrocholesterol reductase (Dhcr24), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Catalyzes the reduction of the delta-24 double bond of sterol intermediates during cholesterol biosynthesis. In addition to its cholesterol-synthesizing activity, can protect cells from oxidative stress by reducing caspase 3 activity during apoptosis induced by oxidative stress. Also protects against amyloid-beta peptide-induced apoptosis.
Molecular Mass	60.1 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Dhcr24 24-dehydrocholesterol reductase [Mus musculus (house mouse)]
Official Symbol	Dhcr24
Synonyms	Dhcr24; 24-dehydrocholesterol reductase; sela; mKIAA0018; 2310076D10Rik; 5830417J06Rik; delta(24)-sterol reductase; 3-beta-hydroxysterol delta-24-reductase; seladin-1; EC 1.3.1.72
Gene ID	74754
mRNA Refseq	NM_053272
Protein Refseq	NP_444502
UniProt ID	Q8VCH6

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