

Recombinant Mouse Recql Protein, Myc/DDK-tagged

Cat. No. Recql-5448M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length RecQ protein-like (Recql), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Isoform alpha is a DNA helicase that may play a role in the repair of DNA that is damaged by ultraviolet light or other mutagens. Isoform beta may have important roles in the meiotic process. Both isoforms exhibit a magnesium-dependent ATP-dependent DNA-helicase activity that unwinds single- and double-stranded DNA in a 3'-5' direction.
Molecular Mass	72.5 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	Recql RecQ protein-like [Mus musculus (house mouse)]
Official Symbol	Recql
Synonyms	RECQL; RecQ protein-like; ATP-dependent DNA helicase Q1; recQ protein-like 1; DNA-dependent ATPase Q1; RecQ1
Gene ID	19691
mRNA Refseq	NM_023042
Protein Refseq	NP_075529
UniProt ID	Q9Z129

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