

Recombinant Mouse Rad9a Protein, Myc/DDK-tagged

Cat. No. Rad9a-5353M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length RAD9 checkpoint clamp component A (Rad9a), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Involved in the transport of proteins between the endosomes and the trans-Golgi network. Involved in the recruitment of SGSM2 to melanosomes and is required for the proper trafficking of melanogenic enzymes TYR, TYRP1 and DCT/TYRP2 to melanosomes in melanocytes.
Molecular Mass	42.1 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	Rad9a RAD9 checkpoint clamp component A [Mus musculus (house mouse)]
Official Symbol	Rad9a
Synonyms	Rad9a; RAD9 checkpoint clamp component A; Ra; Rad9; cell cycle checkpoint control protein RAD9A; DNA repair exonuclease rad9 homolog A; RAD9 homolog A; Rad9-like protein; mRAD9; EC 3.1.11.2
Gene ID	19367
mRNA Refseq	NM_011237
Protein Refseq	NP_035367
UniProt ID	Q9Z0F6

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