

Recombinant Mouse Aunip Protein, Myc/DDK-tagged

Cat. No. Aunip-1787M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length aurora kinase A and ninein interacting protein (Aunip), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	DNA-binding protein that accumulates at DNA double-strand breaks (DSBs) following DNA damage and promotes DNA resection and homologous recombination. Serves as a sensor of DNA damage: binds DNA with a strong preference for DNA substrates that mimic structures generated at stalled replication forks, and anchors RBBP8/CtIP to DSB sites to promote DNA end resection and ensuing homologous recombination repair. Inhibits non-homologous end joining (NHEJ). Required for the dynamic movement of AURKA at the centrosomes and spindle apparatus during the cell cycle.
Molecular Mass	37.7 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.

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Concentration >50 µg/mL as determined by microplate BCA method

Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name [Aunip aurora kinase A and ninein interacting protein \[Mus musculus \(house mouse\) \]](#)

Official Symbol [Aunip](#)

Synonyms Aunip; aurora kinase A and ninein interacting protein; Aunip; Clhc1; 2610002D18Rik; aurora kinase A and ninein-interacting protein; aurora A-binding; clathrin heavy chain linker domain containing 1

Gene ID [69885](#)

mRNA Refseq [NM_001081099](#)

Protein Refseq [NP_001074568](#)

UniProt ID [E9Q6Z5](#)

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