

Recombinant Mouse Inip Protein, Myc/DDK-tagged

Cat. No. Inip-3540M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length INTS3 and NABP interacting protein (Inip), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Component of the SOSS complex, a multiprotein complex that functions downstream of the MRN complex to promote DNA repair and G2/M checkpoint. The SOSS complex associates with single-stranded DNA at DNA lesions and influences diverse endpoints in the cellular DNA damage response including cell-cycle checkpoint activation, recombinational repair and maintenance of genomic stability. Required for efficient homologous recombination-dependent repair of double-strand breaks (DSBs) and ATM-dependent signaling pathways.
Molecular Mass	11.4 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

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

GENE INFORMATION

Gene Name Inip INTS3 and NABP interacting protein [*Mus musculus* (house mouse)]

Official Symbol Inip

Synonyms Inip; INTS3 and NABP interacting protein; Ssbip1; AA399876; 1110054O05Rik; 2610312O17Rik; SOSS complex subunit C; SOSS-C; SSB-interacting protein 1; sensor of single-strand DNA complex subunit C; sensor of ssDNA subunit C; single-stranded DNA-binding protein-interacting protein 1

Gene ID 66209

mRNA Refseq NM_001013577

Protein Refseq NP_001013595

UniProt ID Q3TXT3

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