SOSS Complex Subunit C (ssbip1) Xenopus Laevis Recombinant Protein

PRODUCT OVERVIEW

Product Name	SOSS complex subunit C (ssbip1), Recombinant Protein
Full Product Name	Recombinant Xenopus laevis SOSS complex subunit C (ssbip1)
Product Gene Name	ssbip1 recombinant protein
Product Synonym Gene Name	ssbip1
Sequence	MDPGSTASPL QCTAGFPSKN RVAILAELDK EKRKLLLQNQ SSTNNPGASI ALARPNMNKD FRDHSEQQHI AAQQKAALQH AHAHSSGYFI TQDSAFGNLI LPVIPRLEAE
Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.
Molecular Weight	11,972 Da
Sequence Positions	1-110, Full length protein
Tag Information	This protein contains an N-terminal tag and may also contain a C-terminal tag. Tag types are determined by various factors including tag-protein stability, please inquire for tag information.
Sterility	Sterile filter available upon request.
Endotoxin	Low endotoxin available upon request.
3D Structure	ModBase 3D Structure for Q8AVV6
Species	Xenopus laevis (African clawed frog)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for ssbip1 recombinant protein	MBS1450964 is a recombinant protein targeting ssbip1. Also known as Recombinant Xenopus laevis SOSS complex subunit C (ssbip1). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of ssbip1 recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for ssbip1. It may not necessarily be applicable to this product.

NCBI GI #	148237940
NCBI GeneID	379068
NCBI Accession #	NP_001079381.1
UniProt Primary Accession #	Q8AVV6
UniProt Related Accession #	Q8AVV6
GenBank Nucleotide #	NM_001085912.1

NCBI Official Full Name	SOSS complex subunit C
NCBI Official Synonym Full Names	INTS3 and NABP interacting protein S homeolog
NCBI Official Symbol	inip.S
NCBI Official Synonym Symbols	inip; mise; sossc; ssbip1; c9orf80; hspc043-a
UniProt Protein Name	SOSS complex subunit C
UniProt Synonym Protein Names	Sensor of single-strand DNA complex subunit C; Sensor of ssDNA subunit C; SOSS-C; Single-stranded DNA-binding protein-interacting protein 1; SSB-interacting protein 1
UniProt Gene Name	inip
UniProt Synonym Gene Names	ssbip1; SOSS-C; SSB-interacting protein 1
NCBI Protein Information	SOSS complex subunit C
UniProt Comments for ssbip1	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) ().
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