DNA Repair Protein SWI5 Homolog (SWI5) Rat Recombinant Protein

PRODUCT OVERVIEW

Product Name	DNA repair protein SWI5 homolog (Swi5), Recombinant Protein
Full Product Name	Recombinant Rat DNA repair protein SWI5 homolog (Swi5)
Product Gene Name	Swi5 recombinant protein
Product Synonym Gene Name	Swi5
Sequence	MIDEGEEVTE ETLNSDIQKL KEKQDMLDKE ISQLIAEGYR VIELEQHISL LHEYNDIKDV SQMLLGKLAV TRGVTTKELY PDFDLNPND
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	10,279 Da
Sequence Positions	1-89, 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 Q63ZV7
Species	Rat
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Swi5 recombinant protein	MBS1350430 is a recombinant protein targeting Swi5. Also known as Recombinant Rat DNA repair protein SWI5 homolog (Swi5). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of Swi5 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 Swi5. It may not necessarily be applicable to this product.

NCBI GI #	350537167
NCBI GeneID	499779
NCBI Accession #	NP_001233590.1
UniProt Primary Accession #	Q63ZV7
UniProt Related Accession #	Q63ZV7
GenBank Nucleotide #	NM_001246661.1

NCBI Official Full Name	DNA repair protein SWI5 homolog
NCBI Official Synonym Full Names	SWI5 homologous recombination repair protein
NCBI Official Symbol	Swi5
UniProt Protein Name	DNA repair protein SWI5 homolog
UniProt Synonym Protein Names	Protein SAE3 homolog
Protein Family	DNA repair protein
UniProt Gene Name	Swi5
UniProt Synonym Gene Names	Sae3
NCBI Protein Information	DNA repair protein SWI5 homolog
UniProt Comments for Swi5	Component of the SWI5-SFR1 complex, a complex required for double-strand break repair via homologous recombination.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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