Single-Stranded TG1-3 DNA-Binding Protein (tcg1) Schizosaccharomyces Pombe Recombinant Protein

PRODUCT OVERVIEW

Product Name	Single-stranded TG1-3 DNA-binding protein (tcg1), Recombinant Protein
Full Product Name	Recombinant Schizosaccharomyces pombe Single-stranded TG1-3 DNA-binding protein (tcg1)
Product Gene Name	tcg1 recombinant protein
Product Synonym Gene Name	tcg1
Sequence	MMSAEETVTQ NAPNTVQDQV EASVDAAVHA SAEQSNTPAQ QADDFRVFVG RLSTSTKKSE IRSLFETVGT VRKVTIPFRR VRRGTRLVPS GIAFVTFNNQ EDVDKAIETL NGKTLDDREI VVQKARPVQE QPIKDRKKSK NKNGEEPETS TSVENAESAK GSSDENEANT ATAPSSNEAN GVDKKQNEIK GKGGSGKNKA KPLPPNSIYV SGLSVTLTNE GLKEMFDAYN PTRARIAVRS LPPYIIRRIK LRGEQRRGRG FGFVSFANAE DQSRAIEEMN GKQVGDLTLV VKSAVFREDK QNDENEKNEN EPIEASESAP TNVSDSTEPK ASEVDSEEKS GVTASAITA
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	38,003 Da
Sequence Positions	1-349, Full length
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 Q9HEQ9
Species	Schizosaccharomyces pombe (strain 972 / 24843) (Fission yeast)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for tcg1 recombinant protein	MBS1471690 is a recombinant protein targeting tcg1. Also known as Recombinant Schizosaccharomyces pombe Single-stranded TG1-3 DNA-binding protein (tcg1). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of tcg1 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 tcg1. It may not necessarily be applicable to this product.

NCBI GI #	429239519
NCBI GeneID	2541062
NCBI Accession #	NP_595090.2
UniProt Primary Accession #	Q9HEQ9

UniProt Secondary Accession #	O94430
GenBank Nucleotide #	NM_001020997.2
NCBI Official Full Name	single-stranded telomeric binding protein Tgc1
NCBI Official Symbol	tcg1
UniProt Protein Name	Single-stranded TG1-3 DNA-binding protein
UniProt Synonym Protein Names	Meiotically up-regulated gene 187 protein
Protein Family	Single-stranded TG1-3 DNA-binding protein
UniProt Gene Name	tcg1
UniProt Synonym Gene Names	mug187
NCBI Protein Information	single-stranded telomeric binding protein Tgc1
UniProt Comments for tcg1	Binds single-stranded telomeric sequences of the type (TG[1-3])n in vitro. Has a role in meiosis.
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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