

MEIOB 抗原（重组蛋白）

中文名称： MEIOB 抗原（重组蛋白）

英文名称： MEIOB Antigen (Recombinant Protein)

别 名： meiosis specific with OB domains; gs129; C16orf73

储 存： 冷冻（-20℃）

相关类别： 抗原

概述

Fusion protein corresponding to a region derived from 245-442 amino acids of human MEIOB

技术规格

Full name:	meiosis specific with OB domains
Synonyms:	gs129; C16orf73
Swissprot:	Q8N635
Gene Accession:	BC029829
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	Single-stranded DNA-binding protein required for homologous recombination in meiosis I. Required for double strand breaks (DSBs) repair and crossover formation and promotion of faithful and complete synapsis. Not required for the initial loading of recombinases but required to maintain a proper number of RAD51 and DMC1 foci after the zygotene stage. May act by ensuring the stabilization of recombinases, which is required for successful homology search and meiotic recombination. Displays Single-stranded DNA 3'-5' exonuclease activity in vitro (By similarity).

