

## 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

<b>Full name:</b>	meiosis specific with OB domains
<b>Synonyms:</b>	gs129; C16orf73
<b>Swissprot:</b>	Q8N635
<b>Gene Accession:</b>	BC029829
<b>Purity:</b>	>85%, as determined by Coomassie blue stained SDS-PAGE
<b>Expression system:</b>	Escherichia coli
<b>Tags:</b>	His tag C-Terminus, GST tag N-Terminus
<b>Background:</b>	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).

