

Recombinant Human MEIOB

Catalog No: #GP12660

Package Size: #GP12660-1 100ug

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Description

Product Name	Recombinant Human MEIOB
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 245-442 amino acids of human MEIOB
Target Name	meiosis specific with OB domains
Other Names	gs129; C16orf73
Accession No.	Swissprot:Q8N635Gene Accession:BC029829
Uniprot	Q8N635
GeneID	254528;
Storage	-20~-80°C, pH 7.6 PBS

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).

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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