

Recombinant Human MSH4

Catalog No: #GP10605



Package Size: #GP10605-1 100ug

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Description

Product Name	Recombinant Human MSH4
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from C terminal 300 amino acids of human mutS homolog 4
Target Name	mutS homolog 4
Accession No.	Swissprot:O15457Gene Accession:BC033030
Uniprot	O15457
GeneID	4438;
Storage	-20~-80°C, pH 7.6 PBS

Background

This gene encodes a member of the DNA mismatch repair mutS family. This member is a meiosis-specific protein that is not involved in DNA mismatch correction, but is required for reciprocal recombination and proper segregation of homologous chromosomes at meiosis I. This protein and MSH5 form a heterodimer which binds uniquely to a Holliday Junction and its developmental progenitor, thus provoking ADP-ATP exchange, and stabilizing the interaction between parental chromosomes during meiosis double-stranded break repair.

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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