

MSH5 抗原（重组蛋白）

中文名称： MSH5 抗原（重组蛋白）

英文名称： MSH5 Antigen (Recombinant Protein)

别 名： G7; NG23; MUTSH5

储 存： 冷冻（-20℃）

相关类别： 抗原

概述

Fusion protein corresponding to C terminal 300 amino acids of human MSH5

技术规格

Full name:	mutS homolog 5
Synonyms:	G7; NG23; MUTSH5
Swissprot:	O43196
Gene Accession:	BC001358
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	This gene encodes a member of the mutS family of proteins that are involved in DNA mismatch repair and meiotic recombination. This protein is similar to a <i>Saccharomyces cerevisiae</i> protein that participates in segregation fidelity and crossing-over events during meiosis. This protein plays a role in promoting ionizing radiation-induced apoptosis. This protein forms hetero-oligomers with another member of this family, mutS homolog 4. Polymorphisms in this gene have been linked to various human diseases, including IgA deficiency, common variable immunodeficiency, and premature ovarian failure. Alternative splicing results multiple transcript variants.