

## 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

<b>Full name:</b>	mutS homolog 5
<b>Synonyms:</b>	G7; NG23; MUTSH5
<b>Swissprot:</b>	O43196
<b>Gene Accession:</b>	BC001358
<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>	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.

