

MSH3 抗原（重组蛋白）

中文名称： MSH3 抗原（重组蛋白）

英文名称： MSH3 Antigen (Recombinant Protein)

别名： DUP; FAP4; MRP1

储存： 冷冻（-20℃）

相关类别： 抗原

概述

Fusion protein corresponding to a C terminal 300 amino acids of human MSH3

技术规格

Full name:	mutS homolog 3
Synonyms:	DUP; FAP4; MRP1
Swissprot:	P20585
Gene Accession:	BC130436
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	The protein encoded by this gene forms a heterodimer with MSH2 to form MutS beta, part of the post-replicative DNA mismatch repair system. MutS beta initiates mismatch repair by binding to a mismatch and then forming a complex with MutL alpha heterodimer. This gene contains a polymorphic 9 bp tandem repeat sequence in the first exon. The repeat is present 6 times in the reference genome sequence and 3-7 repeats have been reported. Defects in this gene are a cause of susceptibility to endometrial cancer.