

MUTYH 抗原（重组蛋白）

中文名称： MUTYH 抗原（重组蛋白）

英文名称： MUTYH Antigen (Recombinant Protein)

别名： MYH

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 MUTYH

技术规格

Full name:	mutY DNA glycosylase
Synonyms:	MYH
Swissprot:	Q9UIF7
Gene Accession:	BC003178
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 DNA glycosylase involved in oxidative DNA damage repair. The enzyme excises adenine bases from the DNA backbone at sites where adenine is inappropriately paired with guanine, cytosine, or 8-oxo-7,8-dihydroguanine, a major oxidatively damaged DNA lesion. The protein is localized to the nucleus and mitochondria. Mutations in this gene result in heritable predisposition to colon and stomach cancer. Multiple transcript variants encoding different isoforms have been found for this gene.