

# Recombinant Human MUTYH

Catalog No: #GP10616



Package Size: #GP10616-1 100ug

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## Description

Product Name	Recombinant Human MUTYH
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a C terminal 300 amino acids of human mutY homolog (E. coli)
Target Name	mutY DNA glycosylase
Other Names	MYH
Accession No.	Swissprot:Q9UIF7 Gene Accession:BC003178
Uniprot	Q9UIF7
GeneID	4595;
Storage	-20~-80°C, pH 7.6 PBS

## 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.

## 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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