



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Datasheet

MUTYH (Human) Recombinant Protein (P01)

Catalog Number: H00004595-P01

Regulation Status: For research use only (RUO)

Product Description: Human MUTYH full-length ORF (NP_001041636.1, 1 a.a. - 535 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MTPLVSRLSRLWAIMRKPRAAVGSGRKQAASQEGR
QKHAKNNSQAKPSACDGLARQPEEVVLQASVSSYHL
FRDVAEVTAFRGSLLSWYDQEKRDLPWRRRAEDEMD
LDRRAYAVVWSEVMLQQTQVATVINYYTGWMQKWPT
LQDLASASLEEVLWAGLGYYSRGRRLQEGARKVV
EELGGHMPRTAETLQQLPGVGRYTAGAIAAFGQAT
GVVDGNVARVLCRVRAIGADPSSTLVSQQLWGLAQQ
LVDPARPGDFNQAAMELGATVCTPQRPLCSQCPVES
LCRARQRVEQEQLLASGSLSGSPDVEECAPNTGQCH
LCLPPSEPDQTLGVVNFPRKASRKPPEESSATCVL
EQPGALGAQILLVQRPNSGLLAGLWEFPSVTWEPSEQ
LQRKALLQELQRWAGPLPATHLRHLGEVVHTFSHIKLT
YQVYGLALEGQTPVTTVPPGARWLTQEEFHTAAVSTA
MKKVFRVYQQQPGTCMGSKRQVSSPCSRKKPRM
GQQVLDNFFRSHISTDAHSLNSAAQ

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 85.5

Interspecies Antigen Sequence: Mouse (77)

Applications: AP, Array, ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 4595

Gene Symbol: MUTYH

Gene Alias: MGC4416, MYH

Gene Summary: 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. [provided by RefSeq]