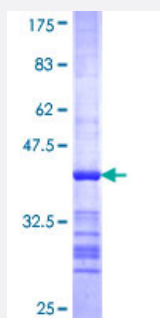


MSH4 (Human) Recombinant Protein (Q01)

Catalog # H00004438-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human MSH4 partial ORF (NP_002431, 831 a.a. - 936 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	YKLSKGLTEEKNYGLKAAEVSSLPPSVLDAKEITTQITRQILQNQRSTPEMERQRAVYHLATRLVQT ARNSQLDPDSLRMYLSNLKKKYKEDFPRTEQVPEKTEE
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	37.4
Interspecies Antigen Sequence	Mouse (84); Rat (83)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
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.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — MSH4

Entrez GeneID [4438](#)

GeneBank Accession# [NM_002440](#)

Protein Accession# [NP_002431](#)

Gene Name MSH4

Gene Alias -

Gene Description mutS homolog 4 (E. coli)

Omim ID [602105](#)

Gene Ontology [Hyperlink](#)

Other Designations OTTHUMP00000011349|mutS homolog 4

Disease

- [Azoospermia](#)
- [Breast cancer](#)
- [Genetic Predisposition to Disease](#)
- [Kidney Failure](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)

- [Neoplasms](#)
- [Oligospermia](#)
- [Ovarian cancer](#)
- [Ovarian Failure](#)
- [Ovarian Neoplasms](#)
- [Werner syndrome](#)