

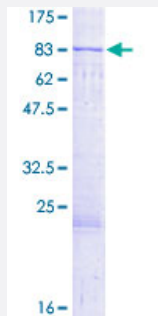
Full-Length

MUS81 (Human) Recombinant Protein (P01)

Catalog # H00080198-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human MUS81 full-length ORF (NP_079404.2, 1 a.a. - 551 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MAAPVRLGRKRPLPACPNPLFVRWLTEWRDEATRSRHRTRFVFQKALRSLRRYPLPLRSGKEAK
ILQHFGDGLCRMLDERLQRHRTSGGDHAPDSPGENSPAPQGRLAEVQDSSMPVPAQPKAGG
SGSYWPARHSGARVILLVLYREHLNPNNGHHFLTKEELLQRCAQKSPRVAPGSAPPWPALRSLH
RNLVLRTHQPARYSLTPEGLELAQKLAESEGLSLLNVGIGPKEPPGEETAVPGAASAELASEAGV
QQQPLELRPGEYRVLLCVDIGETRGGGHRPELLRELQRLHVTHTVRKLHVGDFFVWVAQETNPRD
PANPGEVLVDHIVERKRLDDLCSSIIDGRFREQKFRLKRCGLERRVYLVEEHGSVHNLSLPESTLL
QAVTNTQVIDGFFVKRTADIKESAAYLALLTRGLQRLYQGHTLRSRPWGTPGNPESGAMTSPNPL
CSLLTFSDFNAGAIKNAQSVREVFARQLMQVRGVSGEKAAALVDRYSTPASLLAAYDACATPK
EQETLLSTIKCGRQLQRNLGPALSRTLSQLYCSYGPLT

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

87.5

Interspecies Antigen Sequence

Mouse (81); Rat (81)

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 — MUS81

Entrez GeneID	80198
GeneBank Accession#	NM_025128.3
Protein Accession#	NP_079404.2
Gene Name	MUS81
Gene Alias	FLJ21012, FLJ44872
Gene Description	MUS81 endonuclease homolog (S. cerevisiae)
Omim ID	606591
Gene Ontology	Hyperlink
Other Designations	MUS81 endonuclease homolog

Pathway

- [Homologous recombination](#)

Disease

- [Brain Neoplasms](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Carcinoma](#)
- [Genetic Predisposition to Disease](#)
- [Glioma](#)
- [Kidney Failure](#)
- [Laryngeal Neoplasms](#)
- [Lymphatic Metastasis](#)
- [Multiple Sclerosis](#)