

Recombinant Human MYSM1 Protein, GST-tagged

Cat. No. MYSM1-5862H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human MYSM1 full-length ORF (AAI67849.1, 1 a.a. - 828 a.a.) recombinant protein with GST tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	MYSM1 (Myb Like, SWIRM And MPN Domains 1) is a Protein Coding gene. Diseases associated with MYSM1 include Hemorrhagic Cystitis. Among its related pathways are Metalloprotease DUBs and Metabolism of proteins. GO annotations related to this gene include chromatin binding and protein complex binding. An important paralog of this gene is MPND.
Molecular Mass	117.5 kDa
AA Sequence	MAAEEADV DIEGDV VAAAG AQP GSGENTASVLQKDHYLDSSWRTENGLIPWTL DNT ISEENRAVIEKMLLEEEY YLSKKSQPEKVWLDQKEDDKKYMKSLQKTAKIMVHSPTK PASYSVKWTIEEKELFEQGLAKFGRRWTKISKLIGSRTVLQVKSARQYFKNKVKCG LDKETPNQKTGHN LQVKNE DKGTAWTPSCLRGRADPNLNAV KIEKLSDDEEVDIT DEVDELSSQTPQKNSSS D LLLDFPNSKMHETNQGEFITS DSQEALFSKSSRGCLQN EKQDETLSSSEITLWTEKQSN GDKKSIELNDQKFNELIKNCNKHDGRGIIVDARQLPS PEPCEIQKNLNDNEMLFHSCQMVEESHEEEELKPPEQEIEIDRNIIQEEEEKQAIP EFFE GRQAKTPERYLKIRNYILDQWEICKPKYLNKTSVRPGLKNC G DVNCIGRIHTYLELIG AIFGCEQAVYNRPQTVDKVRIRDRKDAVEAYQLAQRLQSMRTRRRRRVRDPWGN

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WCDAKDLEGQTFEHLSAEELAKRREEEEKGRPVKSLKVRPTKSSFDPFQLIPCNFFS
 EEKQEPFQVKVASEALLIMDLHAHVSMMAEVIGLLGGRYSEVDKVVCAAEPCNSLS
 TGLQCEMDPVSQTQASETLAVRGFSVIGWYHSHPAFDPNPSLRDIDTQAKYQSYFS
 RGGAKFIGMIVSPYNRNPLPYSQITCLVISEEISPDGSYRLPYKFEVQQMLEEPQW
 GLVFEKTRWIIKEYRLSHSSVPMDKIFRRDSDLTCLQKLLCEMRKTLTKVTNCFMAE
 EFLTEIENLFLSNYKSNQENGVTENCTKELLM

Applications

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

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

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

GENE INFORMATION
Gene Name

[MYSM1 Myb-like, SWIRM and MPN domains 1 \[Homo sapiens \]](#)

Official Symbol

[MYSM1](#)

Synonyms

MYSM1; Myb-like, SWIRM and MPN domains 1; histone H2A deubiquitinase MYSM1;
 KIAA1915; myb-like, SWIRM and MPN domain-containing protein 1; 2ADUB; 2A-
 DUB; RP4-592A1.1; DKFZp779J1554; DKFZp779J1721;

Gene ID

[114803](#)

mRNA Refseq

[NM_001085487](#)

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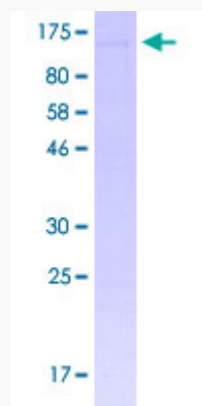
 45-1 Ramsey Road, Shirley, NY 11967, USA

Protein Refseq NP_001078956

MIM 612176

UniProt ID Q5VVJ2

**Quality Control
Testing:**



12.5% SDS-PAGE Stained with Coomassie Blue.

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