

Recombinant Full Length Human MYSM1 Protein, GST-tagged

Cat. No. MYSM1-6623HF **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	In Vitro Cell Free System
Protein Length	828 amino acids
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 VAAAGA QPGSGENTASVLQKDHYLDSSWRTENGLIPWTL DNT ISEENRAVIEKMLLEEEYYLSKKSQPEKVWLDQKEDDKKYMKSLQKTAKIMVHSPTK PASYSVKWTIEEKELFEQGLAKFGRRWTKISKLGSR TVLQVKS YARQYFKNKVKCG LDKETPNQKTGHN LQVKNE DKGTAWTPSCLRGRADPNLNAVKIEKLSDD EEDVIT DEVDELSSQTPQKNSSS D LLLDFPNSKMHETNQGEFITS DSQEALFSKSSRGCLQN EKQDETLSSSEITLWTEKQSN GDKKSIELNDQKFNELIKNCNKHDGRGIIVDARQLPS PEPCEIQKNLNDNEMLFHSCQMVEESHEEEELKPPEQEIEIDRNIIQEEEEKQAIPEFFE GRQAKTPERYLKIRNYILDQWEICKPKYLNKTSVRPGLKNC G DVNCIGRIHTYLELIG

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

AINFGCEQAVYNRPQTVDKVRIRDRKDAVEAYQLAQRLQSMRTRRRRVRDPWGN
 WCDAKDLEGQTFEHLSAEELAKRREEEKGRPVKSLKVP RP TKSSFDPFQLIPCNFFS
 EEKQEPFQVKVASEALLIMDLHAHV SMAE VIGLLGGRYSEVDKVVEVCAAEP CNSLS
 TGLQCEMDPV SQTQASETLAVRGFSVIGWYHSHPAFDPNPSLRDIDTQAKYQSYFS
 RGGAKFIGMIVSPYNRNPLPYSQITCLVISEEISPDGSYRLPYKFEVQQMLEEPQW
 GLVFEKTRWII EK YRLSHSSVPMDKIFRRDSDLTCLQKLL ECMRKTL SKVTNCFMAE
 EFLTEIENLFLSNYKSNQENGVT EENCTKELLM

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](#)

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mRNA Refseq	NM_001085487
Protein Refseq	NP_001078956
MIM	612176
UniProt ID	Q5VVJ2

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