

Product datasheet for TP516767

Mysm1 (NM_177239) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse myb-like, SWIRM and MPN domains 1 (Mysm1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR216767 representing NM_177239 Red=Cloning site Green=Tags(s)

MEAEADVDVEGDVAAAAQPGNDESTASVFQDHYLDSTWRRENGCLPWTLDSTISDENRAIIIEKMLLEEE
YYLSNKS L P G K F W V N Q K E D N K K Y T N S L Q K S S K A M V D S P A K P A S H S V K W T V E E K E L F E Q G L A K F G R R W T K I
A T L L K S R T V L Q V K S Y A R Q Y F K N K V K W D V E K E T P T Q K S S D L Q V K N K D D R T K A W A A A C L R G S A D P C L N A V K
I E K L S D D E D V D I T D E L D E L T S Q T S Q N S G S H L T L D V P N S K M Y T T N Q G E L C Q E G P L A K S S G E S L Q N V K Q G E G
E A C S S S E I A S W A E K Q K S T D K N S A E L N E K Y N K V V E E H T L H R G E V R E E A K H S P S P E P C E R Q D S S G N E M L L P P
C Q I E E E N H E G E E L K P P E Q E V E I D R N V I Q E E E K Q A I P E F F E G R Q T K T P E R Y L K I R N Y I L D Q W E I C K P K Y L N
K T S V R P G L K N C G D V N C I G R I H T Y L E L I G A I N F G C E Q A V Y N R P Q P L D K V R A A D R K D A E A A Y Q L A W R L Q S M R
T R R R R V R D P W G N W C D A K D L E G Q T F E H L S V E E M A R R K E E E K C K P I K F S K A S K L P K S S L D P F Q L I P C N F F S E
E K Q E P F Q V K V A A E A L L I M N L H A H V S M A E V I G L L G G R Y S E A D K V L E V C A A E P C N S L S T G L Q C E M D P V S Q T Q
A S E T L A L R G Y S V I G W Y H S H P A F D P N P S L R D I D T Q A K Y Q S Y F S R G G A K F I G M I V S P Y N R S N P L P Y S Q I T C L
V I S E E V S P D G T Y R L P Y K F E V Q Q M L E E P Q W E L V F E K T R W I I E K Y R L S N S S V P M D R I F R R D S D L T C L Q K L L E
C L R K T L S K V A N C F I A E E F L T Q I E N L F L S N Y K S K E E N G L A E E D S T K E L F M

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	93.9 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.



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Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_796213
Locus ID:	320713
UniProt ID:	Q69Z66
RefSeq Size:	7420
Cytogenetics:	4 C5
RefSeq ORF:	2457
Synonyms:	C130067A03Rik; C530050H10Rik
Summary:	Metalloprotease that specifically deubiquitinates monoubiquitinated histone H2A, a specific tag for epigenetic transcriptional repression, thereby acting as a coactivator. Preferentially deubiquitinates monoubiquitinated H2A in hyperacetylated nucleosomes. Deubiquitination of histone H2A leads to facilitate the phosphorylation and dissociation of histone H1 from the nucleosome. Acts as a coactivator by participating in the initiation and elongation steps of androgen receptor (AR)-induced gene activation. Required for correct regulation of hematopoiesis and lymphocyte differentiation.[UniProtKB/Swiss-Prot Function]