

## Product datasheet for TP517959

### Mocos (NM\_026779) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse molybdenum cofactor sulfurase (Mocos), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR217959 protein sequence Red=Cloning site Green=Tags(s)

MACGAAERGPEPPAFQRHLEASTQRLAHGYGLRSMSELRDQEFGRLAGTVYLDHAGATLFPQSQLTNFTK  
 DLMENVYGNPHSQNITSKLTHTDVEQVRYRILTHFHTTPEDYIVIFTAGSTAALRLVAEAFWVSRSPEN  
 SCSHFVYLDNHTSVVGMKRVAAAMSPTSIPVKPEDMWSAEGKDAGACDPDCQLPHLFCYPAQSNFSGTR  
 YPLSWVEEVKSGRRSPVNAPGKWFVLLDAASYVSTSPDLDSAQADFPISFYKIFGLPTGLGALLVKNKH  
 VAPLLRKGYFGGGTAAAYLAGEDFYVPRSSVAERFEDGTISFLDVIALKHGFDALHLEHTGGMVNIQQHTF  
 ALVQYTHSALSSRLRYLNGAPVVRIYSDSEFSSPDVQGGPIINFVLDGDKKIIIGYSQVDKMASLYNIHLRT  
 GCFCNLGACQRHLGLSDEMVKKHFQAGHVCDDVDIIDGRPTGSVRISFGYMSTLEDAQAFRLFISTIYL  
 RSPSDQVPVQASISDAGALTSKSDCHSPQEGSCTDPSVCNGSYPDTNIMDLHPSLSKASSAQQTPQDKAA  
 GILNGDPGSHIVTNIYLYPIKSCAAFEVTKWPVGSQGLLYDRSWMVVNHNGICMSQKQEPRLCLIQPFID  
 LQQRIMVIKAEGMEPIQVPLEEDGEQTQICQSRVCAADVNTYDCGENVSRWLSKFLGRLCHLIKQSPHFQ  
 RNARKTPKKGQPPGTTVALSLVNEAQYLLVNTSSILELQRQLNASDEHGKEESFSMKDLISRFRANIITK  
 GARAFEEEKWDEISIGSLHFQVLGPCCHRCQMICINQQTGQRNQDVFQTLSESRGRKVNFGVYLMHSYLDL  
 SSPCFLSVSGSEVLPVLKDCGVS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	95 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.



[View online »](#)

<b>Storage:</b>	Store at -80°C after receiving vials.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<u><a href="#">NP_081055</a></u>
<b>Locus ID:</b>	68591
<b>UniProt ID:</b>	<u><a href="#">Q14CH1</a></u>
<b>RefSeq Size:</b>	2884
<b>Cytogenetics:</b>	18 A2
<b>RefSeq ORF:</b>	2589
<b>Synonyms:</b>	1110018O12Rik; HMCS; MCS; MOS
<b>Summary:</b>	Sulfurates the molybdenum cofactor. Sulfation of molybdenum is essential for xanthine dehydrogenase (XDH) and aldehyde oxidase (ADO) enzymes in which molybdenum cofactor is liganded by 1 oxygen and 1 sulfur atom in active form.[UniProtKB/Swiss-Prot Function]