

Product datasheet for TP508939

Usp21 (NM_013919) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse ubiquitin specific peptidase 21 (Usp21), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR208939 protein sequence Red =Cloning site Green =Tags(s)

MPQASEHRLGRTREPPVNVQPRVGAKIPFPPRARSKERRNPVPGPNSMLRPLPPRPGPPDERLKKLELGR
GRTSGSRPRGPLRADHGVPLPGSPPPAVALPLPSRTNLARSKSVSSGDLRPMGIALGGHRGAGELGAALS
RLALRPEPPTLRRSTSLRRLGGFPGPPTLLSIRTEPPTSHGSFHMISARPSEPFYSDDKMAHHTLLLGSG
HVGLRNLGNTCFLNAVLQCLSSTRPLRDFCLRRDFRQEVPGGGRAQELTEAFADVIGALWHPDSCEAVNP
TRFRAVFQKYVPSFSGYSQQDAQEFLKLLMERLHLEINRRGRRAPILASGPVPSPPRRGGGALHEEPEL
SDDDRANLMWKRYLEREDSKIVDLFVGLKSLKQCACGYRSTTFEVFCDLSLPIPKKGFAGGKVSRLDC
FSLFTKEEELESENAPVCDRCRQKTRSTKKLTVQRFPRILVLHLNRFSTSRGSIKSSVGVDFPLQRLSL
GDFASDKAGSPVYQLYALCNHSGSVHYGHYALCRCQTGWVHYNDSRVSPVSENQVASSEGYYVLFYQLMQ
EPLRCL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	62.7 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.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.



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RefSeq:	NP_038947
Locus ID:	30941
UniProt ID:	Q9QZL6 , E9PUE2
RefSeq Size:	2200
Cytogenetics:	1 79.3 cM
RefSeq ORF:	1701
Synonyms:	ESTM28; Usp16; Usp23; W53272
Summary:	<p>Deubiquitinates histone H2A, a specific tag for epigenetic transcriptional repression, thereby acting as a coactivator. Deubiquitination of histone H2A releases the repression of di- and trimethylation of histone H3 at 'Lys-4', resulting in regulation of transcriptional initiation. Regulates gene expression via histone H2A deubiquitination. Also capable of removing NEDD8 from NEDD8 conjugates but has no effect on Sentrin-1 conjugates. Deubiquitinates BAZ2A/TIP5 leading to its stabilization (By similarity).[UniProtKB/Swiss-Prot Function]</p>