

Product datasheet for TP510640

Usp1 (NM_146144) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse ubiquitin specific peptidase 1 (Usp1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR210640 representing NM_146144 Red=Cloning site Green=Tags(s)

MPGVIPSESNGLSRGSPSKKNRSLKFFQKKETKRALDFTDSQENEEKTSEYRGSEIDQVWVAAQSSPVS
CEKRENLLPFVGLNNGNTCYLNSILQVLYFCPGFKTGVKHLFNIISRKKEALKDDSNQKDKGSCKEESL
ASYELICSLQSLIISVEQLQASFLNPEKYTDELATQPRLLNLTRELNPMYEGFLQHDAQEVLQCILGN
IQETCQLLKKEEIKNLAELSGKVVEEQLQKEETGGITSTEIDSMRNTEDVKEQLPKGNWKRKSDSESSNV
KKKVKLSRESQPLEENQRQTRSKRKAIGDTLEAAPKIIPKCVSESESAKPSQKSKVKINWLKPKSTKQPS
ILSKFCSLGKITTNRSGKQPKEKEGDVEEDLEKYGSDHTANGGPESPGSSVTPVDSSEAKSGNKGAEQI
GFELVEKLFQGGQLVLRTRCLECESLTERREDFQDISVPVQEDELKVEESSEISPEPKTEMKTLRWAIQ
FASVERIVGEDKYFCENCHHYTEAERSLLFDKMPEVITIHLCFAASGLEFDCYGGGLSKINTPLLTPLK
LSLEEWSTKPTNDSYGLFAVVMHSGITISSGHYASVKVTDLNSLELDEGNFVVDQMCELGKPEPLTEEQ
ARGTAGNYDDEVSIRVGGNAQPSKVLNKKNVEGIGLLGGQKSKADYELYNKASNPKVVGTPFTDNRNSE
TNDTTNGTHESDRNKESSDQTGVNMNGLENKISYVQSLKEYEGKWLLFDDSEVKVTEEKDFLNSLSPST
SPTSTPYLLFYKKL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	87.9 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_666256
Locus ID:	230484
UniProt ID:	Q8B1Q2
RefSeq Size:	3567
Cytogenetics:	4 C6
RefSeq ORF:	2352
Summary:	This gene encodes a member of the ubiquitin-specific peptidase family. The encoded protein acts as a catalytic subunit in a heterodimeric deubiquitinating enzyme complex that deubiquitinates Fanconi anemia, complementation group D2, and plays a role in homologous recombination-mediated DNA repair. Disruption of this gene is associated with a Fanconi anemia-like phenotype and genomic instability. Alternative splicing results in multiple transcript variants. Pseudogenes of this gene have been defined on chromosomes 3, 12, and 15. [provided by RefSeq, Aug 2014]