

Product datasheet for **TP511165**

Usp4 (BC011341) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse ubiquitin specific peptidase 4 (proto-oncogene) (cDNA clone MGC:18374 IMAGE:3661165), complete cds, with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR211165 representing BC011341 Red =Cloning site Green =Tags(s)
	<p>MAEGRGSRERPDVETQKTELGALMGTTLQGAQWYLIDSRWFKQWKKYVGFDSWDMYNVGEHNLFPGPID NSGLFSDPESQTLKEHLIDELDYLVPAEAWNKLLNWWYGCVEGQQPIVRKVEHGLFVKHCKVEVYLLEL KLCENS DPTNVLSCHFSKADTIATIEKEMRKLFNIPAE RETRLWNKYMSNTYEQLSKLDNTIQDAGLYQG QVLVIEPQNE DGTWPRQSLQSN GSGFSASYNCQEPSPHIQPGLCGLGNLGNTCFMNSALQCLSNTAPLT EYFLKDEYEA E INRDNPLGMKGEIAEAYAELIQMWSGRDTHVAPRMFKTQVGRFAPQFSGYQQQDSQEL LAFILDGLHEDLN RVKKKPYLEPKDANGRPDAVVAKEAWENHRLRND SVIVDTFHGLFKSTLVCP ECAKV SVTFDPFCYLTLPLPKKDRIMEVFLVPADPQCRPIQYRVTVPLMGAISDLCEALSKLSGIAAENMVVTD VYNHRFHKIFQMDEGLSHITPRDDIFVYEV CNMSMDGSECITLPVYFREKSRPSSASSGAVLYGQPLL V SVPKHKLTL ESLYQAVCDRISRYIKQPLPDEF LSSPLEPGACNGSRSSYEGDEEEEEMDHQEEGKEQLSEV EGSGEDDQGDHSESAQKVKGQPRHKRLFTFSLVNSCGTADINSLATD GKLLKLN SRSTLAIDWDSETRS LYFDEQESEACEKHL SMSQPQKKKAAVALRECIELFTT METLGEHDPWYCPTCKKHQ QATKKFDLWSLP KILVVHLKRFSYNRYWRDKLDTVVEFPVRALNMSEFVCDRSARPYVDLIAVSNHYGAMGVGHYTAYAKN RLNGKWWYFFDDSSVSLASEDQIVTKAAYVLFYQRRDDECSSTSSLSGSPGSDGGVKLSSSHQGMGDEEAY NMDTN</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-MYC/DDK
Predicted MW:	126.6 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



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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.
Locus ID:	22258
UniProt ID:	P35123
RefSeq Size:	3455
Cytogenetics:	9 59.25 cM
RefSeq ORF:	2745
Synonyms:	F730026I20Rik; mKIAA4155; Unp
Summary:	Deubiquitinating enzyme that removes conjugated ubiquitin from target proteins. Deubiquitinates PDPK1. Deubiquitinates TRIM21. Deubiquitinates receptor ADORA2A which increases the amount of functional receptor at the cell surface. May regulate mRNA splicing through deubiquitination of the U4 spliceosomal protein PRPF3. This may prevent its recognition by the U5 component PRPF8 thereby destabilizing interactions within the U4/U6.U5 snRNP. May also play a role in the regulation of quality control in the ER.[UniProtKB/Swiss-Prot Function]