

Product datasheet for **TP324586L**

USP4 (NM_003363) Human Recombinant Protein

Product data:

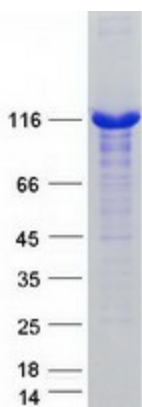
Product Type:	Recombinant Proteins
Description:	Recombinant protein of human ubiquitin specific peptidase 4 (proto-oncogene) (USP4), transcript variant 1, 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC224586 representing NM_003363 Red =Cloning site Green =Tags(s)
	<p>MAEGGGCRERPD AETQKSELGPLMRTTLQRGAQWYLIDSRWFKQWKKYVGFDSWDMYINVGEHNLFPGPID NSGLFSDPESQTLKEHLIDELDYVLVPT EAWNKLLN WYGCVEGQQPIVRKVV EHLFLVKHCKVEVYLLEL KLCENS DPTNVLSCHFSKADTIATIEKEMRKL FNIPAERETRLWNKYMSNTYEQLSKLDNTVQDAGLYQG QVLVIEPQ NEDGTWPRQTLQSKSSTAPSRNFTTSPKSSASPYSSVSASLIANGDSTSTCGMHSSGVSRRGG SGFSASYN CQEPSSHIQPLCGLG NLGNTCFMNSALQCLSNTAPLTDYFLKDEYEA EINRDNPLGMKGE IAEAYAELI QMWSGRDAHVAPRMFKTQVGRFAPQFSGYQQDSQELLAFLLDGLHEDLNRVKKKPYLEL KDANGRPDA VVAKEAWENHRLRND SVIVDTFHGLFKSTLVCECAKVS VTFDFPCYLTLPLPKKDRVME VFLVPADPH CRPTQYRVTVPLMGAVSD LCEALSRLSGIAAENMVVADVYNHRFH KIFQMDEGLNHIMPRD DIFVYEVCS TSDVGSECVTLPVYFRERKSRP SSTSSASALY GQPLLLSVPKHKL TLESLYQAVCDRISRY VKQPLPDEF GSSPLEPGACNGSRNSCEGEDEEEMEHQE EGKEQLSETEGSGEDEPGNDPSETTQKKIKGQ PCPKRLFT FSLVNSYGTADINSLAADG KLLKLNRSRSTLAMDWDSE TRRLYYDEQESEAYEKHVSM LQPQK KKKTTVALR DCIELFTTMETLGEHDPWYCPNCKKH QQATKKFDLW SLPKILVVHLKRFSYNRYWRDKLDT VVEFPIRGL NMSEFVCNLSARPYVYD LIAVSNHYGAMGVGHY TAYAKNKLNGK WYYFDDSNVSLASEDQI VTKAAYVLF YQRRDDEFYKTPSLSSSGSSDGGTRPSSSQ QFGGDDEACSM D TN</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-Myc/DDK
Predicted MW:	108.4 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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Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
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.
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_003354
Locus ID:	7375
UniProt ID:	Q13107 , A1LPW7 , Q08AK7
RefSeq Size:	3696
Cytogenetics:	3p21.31
RefSeq ORF:	2889
Synonyms:	UNP; Unph
Summary:	The protein encoded by this gene is a protease that deubiquitinates target proteins such as ADORA2A and TRIM21. The encoded protein shuttles between the nucleus and cytoplasm and is involved in maintaining operational fidelity in the endoplasmic reticulum. Three transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Oct 2011]
Protein Families:	Druggable Genome, Protease

Product images:



Coomassie blue staining of purified USP4 protein (Cat# [TP324586]). The protein was produced from HEK293T cells transfected with USP4 cDNA clone (Cat# [RC224586]) using MegaTran 2.0 (Cat# [TT210002]).