

## Product datasheet for **TP300337M**

### USP14 (NM\_005151) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human ubiquitin specific peptidase 14 (tRNA-guanine transglycosylase) (USP14), transcript variant 1, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC200337 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MPLYSVTVKWGKEKFEGVELNTDEPPMVFKAQLFALTGVQPARQKVMVKGGLKDDDWGNIKIKNGMTLL  
MMGSADALPEEPSAKTVFVEDMTEEQLASAMELPCGLTNLGNTCYMNATVQCIRSVPELKDALKRYAGAL  
RASGEMASAYITAALRDLFDSMDKTSSSIPPIILLQFLHMAFPQFAEKGEQGQYLQQDANECWIQMMRV  
LQQKLEAIEDDSVKETDSSSASAATPSKKKSLIDQFFGVFETTMKCTESEEEVTKGKENQLQLSCFIN  
QEVKYLFTGLKLRLQEEITKQSPTLQRNALYIKSSKISRLPAYLTIQMVRFFYKEKESVNAKVLKDVKFP  
LMLDMYELCTPELQKEMVSFRSKFKDLEDKKNVQNPNTSDKKSSPQKEVKYEPFSFADDIGSNNGGYDL  
QAVLTHQGRSSSSGHYVSWVKRKQDEWIKFDDDKVSIPTPEDILRLSGGGDWHIAYVLLYGPRRVEIMEE  
ESEQ

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

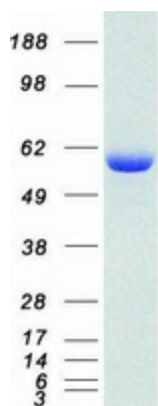
Tag:	C-Myc/DDK
Predicted MW:	55.9 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity 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.



[View online »](#)

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:	<a href="#">NP_005142</a>
Locus ID:	9097
UniProt ID:	<a href="#">P54578</a>
RefSeq Size:	4156
Cytogenetics:	18p11.32
RefSeq ORF:	1482
Synonyms:	TGT
Summary:	This gene encodes a member of the ubiquitin-specific processing (UBP) family of proteases that is a deubiquitinating enzyme (DUB) with His and Cys domains. This protein is located in the cytoplasm and cleaves the ubiquitin moiety from ubiquitin-fused precursors and ubiquitinated proteins. Mice with a mutation that results in reduced expression of the ortholog of this protein are retarded for growth, develop severe tremors by 2 to 3 weeks of age followed by hindlimb paralysis and death by 6 to 10 weeks of age. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. [provided by RefSeq, Jul 2008]
Protein Families:	Druggable Genome, Protease

### Product images:



Coomassie blue staining of purified USP14 protein (Cat# [TP300337]). The protein was produced from HEK293T cells transfected with USP14 cDNA clone (Cat# [RC200337]) using MegaTran 2.0 (Cat# [TT210002]).