

## Product datasheet for TP511552

### Usp25 (NM\_013918) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse ubiquitin specific peptidase 25 (Usp25), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR211552 representing NM_013918 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MTVEQNVLQQSAAQKHQQTFLNQLREITGINDAQILQQALKDSNGNLELAVAFALTAKNAKTPPQEETGY  
QTALPGNDRIYISVGSQADANVIDLTGDDKDDLQRAIALSLAESNRAFRETGITDEEQAISRVLEASIAEN  
KACLKRTPIEVWRDSRNPYDRKRQEKAPVGLKNVGNTEWFSAVIQSLFNLEFRRLVNLNYKPPSNAQDLP  
RNQKEHRNLPFMRELRYLFALLVGTKRKYVDPSRAVEILKDAFKSNDSQQQDVSEFTHKLLDWLEDAFQM  
KAEETDEEKPKNPMVELFYGRFLAMGVLEGKKFENTEMFGQYPLQVNGFKDLHECLEAAMIEGEIESLH  
SDNSGKSGQEHWFTELPPVLTFLSRFEFNQALGRPEKIHNKLEFPQVLYLDRYMHRNREITRIKREEIK  
RLKDYLTVLQQRLERYLSYSGPKRFLVDVLQYALEFASSKPVCTSPVDDIDASSASGPLPSQSLPST  
TEQQGPCASDLPGSSSPASGAALPLRSVIHKPFTQSRIPDLPMPAPRHITTEELCVLESCLHRWRTEI  
ENDTRDLQESISRIHRTIELMYSKSMIQVPYRLHAVLVHEGQANAGHYWAYIFDHRERWMMKYNDIAVT  
KSSWEELVRDSFGGYRNASAYCLMYIDDKAQFLIQEEFNKETGQALVGMETLPPDLRDFVEEDNQRFEKE  
LEEWDTQLAQRSLQEKLLAAPKLREAEASATTAQAGGADYLEQPSRSDLSKHWEETLRVIAKASHDLED  
KGPETVLQSAIKLEYSRLVKLAQEDTPPETDYRLHHLVYFIQNQAPKKIIEKTLLEQFGDRNLSFDERC  
HNIMKVAQAKLEMIKPEEVNLEEYEEWHADYKFFRETTMYLITGLENFQRESYIDSLFLLCAYQNNKEL  
LSKGPYRGHDGELISHYRRECLLKLNEQAAELFESGEDGDVNNGLIIMNEFVFPFLPLLLVDDMEEKDIL  
AVEDMRNRWCSYLGQEMEANLQEKLTDFLPLKLLDCSTEIKGFHEPPKLPYSYSAHELCEFERARIMLSLSRT  
PADGR

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

Tag:	C-MYC/DDK
Predicted MW:	121.9 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



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<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C after receiving vials.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_038946</a>
<b>Locus ID:</b>	30940
<b>UniProt ID:</b>	<a href="#">P57080</a>
<b>RefSeq Size:</b>	4432
<b>Cytogenetics:</b>	16 C3.1
<b>RefSeq ORF:</b>	3165
<b>Summary:</b>	Deubiquitinating enzyme that hydrolyzes ubiquitin moieties conjugated to substrates and thus, functions to process newly synthesized Ubiquitin, to recycle ubiquitin molecules or to edit polyubiquitin chains and prevents proteasomal degradation of substrates. Hydrolyzes both 'Lys-48'- and 'Lys-63'-linked tetraubiquitin chains (By similarity).[UniProtKB/Swiss-Prot Function]