

## Product datasheet for **TP520386**

### Rnf7 (NM\_011279) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse ring finger protein 7 (Rnf7), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR220386 representing NM_011279 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)  MADVEDGEEPCVLSSHSGSAGSKSGGDKMFLKKNVAVAMWSWDVECDTCAICRVQVMDACLRCQAENKQ EDCVVWGE CNH SFHNCCMSLWVKQNNRCP LCQQD WVVQRIGK  <b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-MYC/DDK
Predicted MW:	12.7 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.
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_035409</a>
Locus ID:	19823
UniProt ID:	<a href="#">Q9WTZ1</a>
RefSeq Size:	1132
Cytogenetics:	9 E3.3
RefSeq ORF:	342



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**Synonyms:** Rbx2; SAG

**Summary:** Probable component of the SCF (SKP1-CUL1-F-box protein) E3 ubiquitin ligase complex which mediates the ubiquitination and subsequent proteasomal degradation of target proteins involved in cell cycle progression, signal transduction and transcription (By similarity). CRLs complexes and ARIH1 collaborate in tandem to mediate ubiquitination of target proteins, ARIH1 mediating addition of the first ubiquitin on CRLs targets (By similarity). Through the RING-type zinc finger, seems to recruit the E2 ubiquitination enzyme to the complex and brings it into close proximity to the substrate. Promotes the neddylation of CUL5 via its interaction with UBE2F. May play a role in protecting cells from apoptosis induced by redox agents (By similarity).[UniProtKB/Swiss-Prot Function]