

## Product datasheet for TP323980L

### XRN2 (NM\_012255) Human Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins

**Description:** Recombinant protein of human 5'-3' exoribonuclease 2 (XRN2), 1 mg

**Species:** Human

**Expression Host:** HEK293T

**Expression cDNA** >RC223980 representing NM\_012255

**Clone or AA** Red=Cloning site Green=Tags(s)

**Sequence:**

MGVPAFFRWLSRKYPsiivncveekpkECNGVKIPVDASKPNPNDVEFDNLYLDMNGIIHPCTHPEDKPA  
PKNEDEMMVAIFEYIDRLFSIVRPRRLLYMAIDGVAPRAKMNQQRsRRFRASKEGMEAAVEKQRVREIL  
AKGGFLPPEEIKERFDSNCITPGTEFMDNLAKCLRYIADRLNNDPGWKNLTVILSDASAPGEGEHKIMD  
YIRRQRAQPNHDPNTHHCLCGADADLIMLGLATHEPNFTIREEFKPNKPKCGLCNQFGHEVKDCEGLP  
REKKGKHDELADSLPCAEGEFIFLRLNVLREYLERELTMASLPFTFDVERSIDDWVFMCFVGNDFLPHL  
PSLEIRENAIDRLVNIYKNVHKTGGYLTESGYVNLQRVQMIMLAVGEVEDSIFKKRKDDSDSFRRRQKE  
KRKRMRDQPAFTPSGILTPHALGSRNSPGSQVASNPRQAAYEMRMQNNSSPSISPNTSFTSDGSPSPLG  
GIKKAEDSDSEPEPEDNVRLWEAGWKQRYKKNKFDVDAADEKFRKVVQSYVEGLCWVLRYYYQGCASW  
KWYYPFHYPFASDFEGIADMPSDFEKGTKPFKPLEQLMGVFPAAASGNFLPSSWRKLMSPDSSIIDFYF  
EDFAIDLNGKKYAWQGVALLPFVDERRLRAALEEYVPLTPEETRNSLGGDVLVFGKHHPLHDFILELY  
QTGSTPVEVPPELCHGIQGFSLDEEAILPDQIVCSPVMLRDLTQNTVVSINFKDPQFAEDYIFKAVM  
LPGARKPAAVLKPSDWEKSSNGRQWKPQLGFNRDRRPVHLDQAAFRTLGHVMPRGSGTGIYSNAAPPVPT  
YQGNLYRPLLRGQAQIPKLMSNMRPQDSWRGPPPLFQQQRFDRGVGAEP LLPWNRMLQTQNAAFQPNQYQ  
MLAGPGGYPPRRDDRGRQGYPREGRKYLP PPSGRYNWN

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**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

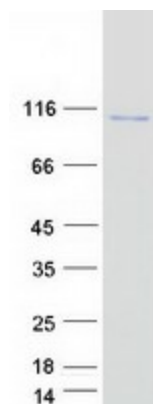
**Preparation:** Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.



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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.
<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_036387</a>
<b>Locus ID:</b>	22803
<b>UniProt ID:</b>	<a href="#">Q9H0D6</a>
<b>RefSeq Size:</b>	3449
<b>Cytogenetics:</b>	20p11.22
<b>RefSeq ORF:</b>	2850
<b>Summary:</b>	This gene encodes a 5'-3' exonuclease that promotes transcription termination at cotranscriptional cleavage sites. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Dec 2015]
<b>Protein Pathways:</b>	RNA degradation

### Product images:



Coomassie blue staining of purified XRN2 protein (Cat# [TP323980]). The protein was produced from HEK293T cells transfected with XRN2 cDNA clone (Cat# [RC223980]) using MegaTran 2.0 (Cat# [TT210002]).