

## Product datasheet for **TP311307M**

### Pumilio 2 (PUM2) (NM\_015317) Human Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins  
**Description:** Recombinant protein of human pumilio homolog 2 (Drosophila) (PUM2), 100 µg  
**Species:** Human  
**Expression Host:** HEK293T  
**Expression cDNA Clone or AA Sequence:** >RC211307 representing NM\_015317  
Red=Cloning site Green=Tags(s)

MNHDFQALALESRGMGELLPTKKFWEPDDSTKDGQKIGFLGDDEWRETAWGASHHMSMSQPIMVQRRSGQG  
 FHGNSEVNAILSPRSESGGLGVSMVEYVLSSSPADKLDLSRFRKGNFGTRDAETDGPEKGDQK GKASPFE  
 DQNRDLKQGDDDDSKINGRGLPNGMDADCKDFNRTPGSRQASPTEVERLGPNTNPSEGLGPLNPTANK  
 PLVEEFSNPETQNL DAMEQVGLSLQFDYPGNQVPMDSGATVGLFDYNSQQQLFQRTNALT VQQLTAAQ  
 QQQYALAAAQQPHIAGVFSAGLAPAAFPNPNYII SAAPPPTDPTAAGLAAAATLAGPAVPPQYYGVPW  
 GVYPANLFQQAAAAANNTASQQAASQAQPGQQVLRAGAGQRPLTPNQGGQQAESLAAAAANPTLA  
 FGQGLATGMPGYQVLAPTAYDQTGALVVGPGARTGLGAPVRLMPTPVLISSAAAQAAAAAAGGTASS  
 LTGSTNGLFRPIGTQPPQQQQQPSTNLQNSFYGSSSLTNSQSSSLFSHGPGQPGSTSLGFGSGNSLG  
 AAIGSALSGFGSSVGSASSSATRRESLSTSSDLYKRSSSLAPIGQPFYNSLGFSSSPSIGMPLPSQT  
 PGHSLTPPPSLSSHGSSSLHLGGLTNGSGRYISAAPGAEAKYRSASSTSSLFSSSSQLFPPSRLRYNRS  
 DIMPSGRSRLLEDFRNNRFPNLQLRDLIGHIVEFSQDQHGSRFIQKLERATPAERQMVFNELQAAAYQL  
 MTDVFGNYVIQKFFFEFGSLDQKLALATRIRGHVLPALQMYGCRVIQKALESSDQQSEMVKELDGHVL  
 KCVKDQNGNHVVQKCIQVQPSLQFIIDAFKQVFLSTHPYGCRVIQRILEHCTAEQTLPILEELHQH  
 TEQLVQDQYGNVVIQHVLEHGRPEDKSKIVSEIRGKVLALSQHKFASNWVEKCVTHASRAERALLIDEVC  
 CQNDGPHSALYTMMDQYANYVVQK MIDMAEPAQRKIIMHKIRPHITTLRKYTYGKHILAKLEKYYLKN  
 PDLGPIGGPPNGML

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

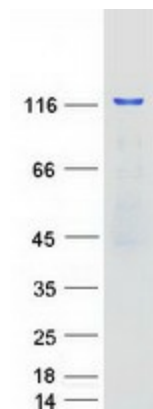
**Tag:** C-Myc/DDK  
**Predicted MW:** 113.8 kDa  
**Concentration:** >0.05 µg/µL as determined by microplate BCA method  
**Purity:** > 80% as determined by SDS-PAGE and Coomassie blue staining  
**Buffer:** 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol



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<b>Preparation:</b>	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
<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_056132</a>
<b>Locus ID:</b>	23369
<b>UniProt ID:</b>	<a href="#">Q8TB72</a>
<b>RefSeq Size:</b>	6111
<b>Cytogenetics:</b>	2p24.1
<b>RefSeq ORF:</b>	3192
<b>Synonyms:</b>	PUMH2; PUM12
<b>Summary:</b>	This gene encodes a protein that belongs to a family of RNA-binding proteins. The encoded protein functions as a translational repressor during embryonic development and cell differentiation. This protein is also thought to be a positive regulator of cell proliferation in adipose-derived stem cells. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Sep 2013]

### Product images:



Coomassie blue staining of purified PUM2 protein (Cat# [TP311307]). The protein was produced from HEK293T cells transfected with PUM2 cDNA clone (Cat# [RC211307]) using MegaTran 2.0 (Cat# [TT210002]).