

Product datasheet for TP311307

Pumilio 2 (PUM2) (NM_015317) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins
Description: Recombinant protein of human pumilio homolog 2 (Drosophila) (PUM2), 20 µg
Species: Human
Expression Host: HEK293T
Expression cDNA Clone or AA Sequence: >RC211307 representing NM_015317
Red=Cloning site Green=Tags(s)

MNHDFQALALESRGMGELLPTKKFWEPDDSTKDGQKIGFLGDDEWRETAWGASHHMSMSQPIMVQRRSGQG
 FHGNSEVNAILSPRSESGGLGVSMVEYVLSSSPADKLDLSRFRKGNFGTRDAETDGPEKGDQKKGASPFEE
 DQNRDLKQGDDDDSKINGRGLPNGMDADCKDFNRTPGSRQASPTEVERLGPNTNPSEGLGPLNPTANK
 PLVEEFSNPETQNL DAMEQVGLSLQFDYPGNQVPMDSGATVGLFDYNSQQQLFQRTNALTVQQLTAAQ
 QQQYALAAAQQPHIAGVFSAGLAPAAFPNPNYII SAAPPPTDPTAAGLAAAATLAGPAVPPQYYGVPW
 GVYPANLFQQAAAAANNTASQQAASQAQPGQQVLRAGAGQRPLTPNQGGQQAESLAAAAANPTLA
 FGQGLATGMPGYQVLAPTAYDQTGALVVGPGARTGLGAPVRLMAPTPVLISSAAAQAAAAAAGGTASS
 LTGSTNGLFRPIGTQPPQQQQQPSTNLQNSFYGSSSLTNSQSSSLFSHGPGQPGSTSLGFGSGNSLG
 AAIGSALSGFGSSVGSASSSATRRESLSTSSDLYKRSSSLAPIGQPFYNSLGFSSSPSIGMPLPSQT
 PGHSLTPPPSLSSHGSSSLHLGGLTNGSGRYISAAPGAEAKYRSASSTSSLFSSSSQLFPPSRLRYNRS
 DIMPSGRSRLLEDFRNNRFPNLQLRDLIGHIVEFSQDQHGSRFIQKLERATPAERQMVFNELQAAAYQL
 MTDVFGNYVIQKFFEFGLDQKLALATRIRGHVLPALQMYGCRVIQKALESSDQQSEMVKELDGHVL
 KCVKDQNGNHVVQKCIQVQPSLQFIIDAFKQVFLSTHPYGCRVIQRILEHCTAEQTLPILEELHQH
 TEQLVQDQYGNVVIQHVLEHGRPEDKSKIVSEIRGKVLALSQHKFASNWVEKCVTHASRAERALLIDEVC
 CQNDGPHSALYTMMDQYANYVVQKIDMAEPAQRKIIMHKIRPHITTLRKYTYGKHILAKLEKYYLKN
 PDLGPIGGPPNGML

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

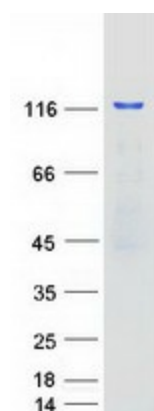
Tag: C-Myc/DDK
Predicted MW: 113.8 kDa
Concentration: >0.05 µg/µL as determined by microplate BCA method
Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol



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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.
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:	NP_056132
Locus ID:	23369
UniProt ID:	Q8TB72
RefSeq Size:	6111
Cytogenetics:	2p24.1
RefSeq ORF:	3192
Synonyms:	PUMH2; PUML2
Summary:	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]).