

Recombinant Full Length Human PUM2 Protein, C-Flag-tagged

Cat. No. PUM2-983HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human PUM2 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	113.8 kDa
AA Sequence	MNHDFQALALESRGMGELLPTKKFWEPDDSTKDGQKGIFLGDDREWRETAWGASH HSMSQPIMVQRRSGQG FHGNSEVNAILSPRSESGGLGVSMVEYVLSSSPADKLD RFRKGNFGTRDAETDGPEKGDQKGKASPFEE DQNRDLKQGDDDDSKINGRGLPN GMDADCKDFNRTPGSRQASPTEVVERLGPNTNPSEGLGPLNPNTANK PLVEEFSN PETQNLDAEQVGLESLQFDYPGNQVPMDSGATVGLFDYNSQQQLFQRTNALT V QQLTAAQ QQQYALAAAQQPHIAGVFSAGLAPAAFPVNPYIISAAPPGTDPYTAAGLA AAATLAGPAVVPPQYYGVPW GVYPANLFQQQAAAAANNTASQQAASQAQPGQQQ VLRAGAGQRPLTPNQGGQQQAESLAAAAAANPTLA FGQGLATGMPGYQVLAPT

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AYYDQTGALVVGPGARTGLGAPVRLMAPTPVLISSAAAQAAAAAAGGTASS LTGS
 TNGLFRPIGTQPPQQQQQQPSTNLQSNSFYGSSSLTNSSQSSSLFSGPGQPGST
 SLGFGSGNSLG AAIGSALSGFGSSVGSSASSSATRRESLSTSSDLYKRSSSSLAPIG
 QPFYNSLGFSSSPSPIGMPLPSQT PGHSLTPPPSLSSHGSSSSHLGGLTNGSGRY
 ISAAPGAEAKYRSASSTSSLFSSSSQLFPPSRLRYNRS DIMPSGRSRLLDFRNNRF
 PNLQLRDLIGHIVEFSQDQHGSRFIQKLERATPAERQMVFNEILQAAYQL MTDVFG
 NYVIQKFFEFGLDQKLALATRIRGHVLPALQMYGCRVIQKALESISSDQQSEMVKE
 LDGHVL KCVKDQNGNHVVQKCIECVQPQSLQFIIDAFKGQVFLSTHPYGCRVIQRI
 LEHCTAEQTLPILEELHQH TEQLVQDQYGNVVIQHVLEHGRPEDKSKIVSEIRGKVL
 ALSQHKFASNVVEKCVTHASRAERALLIDEVC CQNDGPHSALYTMMDQYANYVV
 QKMIDMAEPAQRKIIMHKIRPHITTLRKYTYGKHILAKLEKYYLKNS
 PDLGPIGGPPNGMLTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Full Length	Full L.

GENE INFORMATION

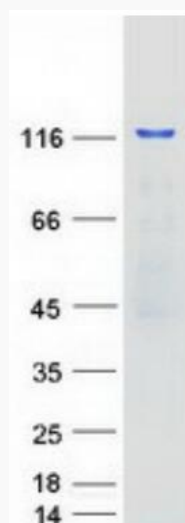
Gene Name PUM2 pumilio RNA binding family member 2 [Homo sapiens (human)]

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Official Symbol	PUM2
Synonyms	PUMH2; PUML2
Gene ID	23369
mRNA Refseq	NM_015317.5
Protein Refseq	NP_056132.1
MIM	607205
UniProt ID	Q8TB72



Coomassie blue staining of purified PUM2 protein.