

Recombinant Human PUM2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. PUM2-3122H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	PUM2 MS Standard C13 and N15-labeled recombinant protein (NP_056132) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	113.8 kDa
AA Sequence	MNHDFQALALESRGMGELLPTKKFWEPDDSTKDGQKGIFLGDDREWRETAWGASH HSMSQPIMVQRRSGQGFHGNSEVNAILSPRSESGGLGVSMEYVLSSSPADKLDS RFRKGNFGTRDAETDGPKEGDQKKGASPFEEDQNRDLKQGDDDDSKINGRGLPN GMDADCKDFNRTPGSRQASPTVVVERLGPNTNPSEGLGPLNPTANKPLVEEFSN PETQNLDAEQVGLLESLQFDYPGNQVPMDSGATVGLFDYNSQQQLFQRTNALT QQLTAAQQQYALAAAQQPHIAGVFSAGLAPAAFVNPYIISAAPPGTDPYTAAGLA AAATLAGPAVVPPQYYGVPWGVYPANLFQQQAAAAANNTASQQAASQAQPGQQQ VLRAGAGQRPLTPNQGGQQQAESLAAAAANPTLAFGQGLATGMPGYQVLAPTA

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YYDQTGALVVGPGARTGLGAPVRLMAPTPVLISSAAAQAAAAAAGGTASSLTGST
 NGLFRPIGTQPPQQQQQPSTNLQNSFYGSSSLTSSSQSSSLFSGHPGQPGSTS
 LGFGSGNSLGAAIGSALSGFGSSVGSASSSATRRESLSTSSDLYKRSSSSLAPIGQ
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 AAPGAEAKYRSASSTSSLFSSSSQLFPPSRLRYNRSDIMPSSGRSRLLDFRNNRFP
 NLQLRDLIGHIVEFSQDQHGSRFIQKLERATPAERQMVFNEILQAAYQLMTDVFGN
 YVIQKFFFEFGSLDQKLALATRIRGHVLPALQMYGCRVIQKALESISSDQQSEMVKEL
 DGHVLCVKDQNGNHVVQKCIECVQPQSLQFIIDAFKGQVFLSTHPYGCRVIQRIL
 EHCTAEQTLPILEELHQHTEQLVQDQYGNVVIQHVLEHGRPEDKSKIVSEIRGKVLAL
 SQHKFASNVVEKCVTHASRAERALLIDEVCCQNDGPHSALYTMMDQYANYVVQK
 MIDMAEPAQRKIIMHKIRPHITTLRKYTYGKHILAKLEKYLLKNSPDLGPIGGPPNGML
 TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

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

Official Symbol PUM2

Synonyms PUM2; pumilio homolog 2 (Drosophila); pumilio (Drosophila) homolog 2; pumilio

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homolog 2; KIAA0235; PUMH2; pumilio-2; PUML2; FLJ36528; MGC138251;
MGC138253;

Gene ID 23369

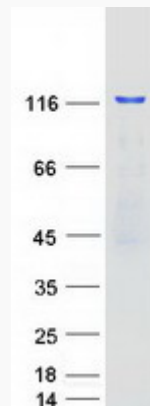
mRNA Refseq NM_015317

Protein Refseq NP_056132

MIM 607205

UniProt ID Q8TB72

SDS-PAGE



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