

Recombinant Human PUM1 Protein, MYC/DDK-tagged

Cat. No. PUM1-3159H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PUM1 protein, fused to MYC/DDK-tagged at C-terminus, was expressed in HEK293.
Species	Human
Source	HEK293
Description	This gene encodes a member of the PUF family, evolutionarily conserved RNA-binding proteins related to the Pumilio proteins of <i>Drosophila</i> and the fem-3 mRNA binding factor proteins of <i>C. elegans</i>. The encoded protein contains a sequence-specific RNA binding domain comprised of eight repeats and N- and C-terminal flanking regions, and serves as a translational regulator of specific mRNAs by binding to their 3' untranslated regions. The evolutionarily conserved function of the encoded protein in invertebrates and lower vertebrates suggests that the human protein may be involved in translational regulation of embryogenesis, and cell development and differentiation. Alternatively spliced transcript variants encoding different isoforms have been described.
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	126.3 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

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GENE INFORMATION

Gene Name	PUM1 pumilio homolog 1 (Drosophila) [Homo sapiens]
Official Symbol	PUM1
Synonyms	HSPUM; PUMH; PUMH1; PUML1
Gene ID	9698
mRNA Refseq	NM_001020658
Protein Refseq	NP_001018494
MIM	607204
UniProt ID	Q14671

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