Table S1. Primers used for gene amplication and expression, dsRNA synthesis and qPCR analysis of *HcAPN3*.

Primer	Forward sequence (5′–3′)	Reverse sequence (5′–3′)
Reverse transcription PCR	GAACTGGGGAATGGTTAACT	AGAACAAAACGTCGTTGAC
5′ RACE		CGCTATACAATCTCCGGGGTTAGGCCAGCTG
3′ RACE	CTAGTGGAGAAGTGGGCAGTGATTGAAGGGAGA	
Cloning and expression of full length of HcAPN3		
	AAATATGCGGCCGCTACCAACGCCATGATTCTATCGATC	CCGCTCGAGATGGAACAACTGGGCGAATAGTACTGC
Semi-quantitative PCR and qPCR		
HcAPN3	AATGAGAATCCCGTAGACCG	TAGGCTCGTCAAAGCAAGG
HcActin	CTACCTCACGCCATTCTC	AGCTTCTCCTTGATGTCAC
RNAi		
Preparation of bacterially expressed dsRNA		
HcAPN3	AACTGCAGAGTCGGTGTATCCTCACTTTATG	ACGCGTCGACAATGCTTTTCTGGCGTTTC
egfp	AACTGCAGCCACAAGTTCAGCGTGTCCG	ACGCGTCGACAGTTCACCTTGATGCCGTTCT
Preparation of chemically synthesized dsRNA		
HcAPN3-template	TAATACGACTCACTATAGGAGTCGGTGTATCCTCACTTTATG	TAATACGACTCACTATAGGAATGCTTTTCTGGCGTTTC
egfp-template	TAATACGACTCACTATAGGCCACAAGTTCAGCGTGTCCG	TAATACGACTCACTATAGGAGTTCACCTTGATGCCGTTCT
HcAPN3	AGTCGGTGTATCCTCACTTTATG	AATGCTTTTCTGGCGTTTC
egfp	CCACAAGTTCAGCGTGTCCG	AGTTCACCTTGATGCCGTTCT
Expression of *HcAPN3G*	AAATATGCGGCCGCGCCTTCCCCGATGAAGACTACAGGT	CCGCTCGAGTACAGGATCCAGGGAAGCAAAAACAA
Expression of *HcAPN3E*	AAATATGCGGCCGCGTTTTTGCTTCCCTGGATCCTGTA	CCGCTCGAGATGGAACAACTGGGCGAATAGTACTGC

Restrictions sites are underlined.