

Product datasheet for **RC204768**

EXOSC8 (NM_181503) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	EXOSC8 (NM_181503) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	EXOSC8
Synonyms:	bA421P11.3; CIP3; EAP2; OIP2; p9; PCH1C; RRP43; Rrp43p
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC204768 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCGGCTGGGTTCAAACCGTGAACCTCTGGAGTATTACAGGAGATTTCTGAAAGAGAACTGCCGTC
CTGATGGAAGAGAACTTGGTGAATTCAGAACCACAACCTGTCAACATCGGTTCAATTAGTACCGCAGATGG
TTCTGCTTGTAGTGAAGTTGGGAAATACTACAGTAATCTGTGGAGTTAAAGCAGAATTTGCAGCACCATCA
ACAGATGCCCTGATAAAGGATACGTTGTTCTAATGTGGATCTACCACCCTGTGTTTCATCGAGATTCC
GGTCTGGACCTCCTGGAGAAGAGGCCAAAGTGGCTAGCCAATTCATTGCAGATGTCATTGAAAATTCACA
GATAATTCAGAAAGAGGACTTATGCATTTCTCCAGGAAAGCTTGTCTGGGTTCTATACTGTGATCTCATT
TGCCCTCGACTACGATGGAACATTTTGGATGCCTGCACATTTGCTTTGCTAGCGGCTTTAAAAATGTAC
AGTTGCCTGAAGTTACTATAAATGAAGAACTGCTTTAGCAGAAGTTAATTTAAAGAAGAAAAGTTATTT
GAATATTAGAACTCATCCAGTTGCAACTTCCTTTGCTGTGTTTGATGACACTTTGCTTATAGTTGACCCCT
ACTGGAGAGGAGGAACATCTGGCAACAGGAACCTTAACAATAGTAATGGATGAGGAAGGCAAACTCTGTT
GTCTTCACAAACCAGGTGAAGTGGGCTAACTGGAGCTAACTTCAGGACTGTATGAGCCGAGCAGTTAC
AAGACACAAAAGATTA AAAAATGATGGATGAAGTAATTAAGAGTATGAAACCCAAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [NM_181503.1](#), [NP_852480.1](#)

RefSeq Size: 1427 bp

RefSeq ORF: 831 bp

Locus ID: 11340

UniProt ID: [Q96B26](#)

Cytogenetics: 13q13.3

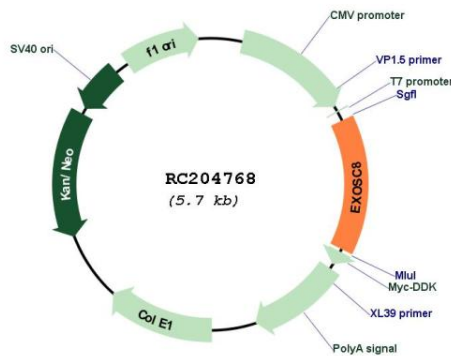
Protein Families: Stem cell - Pluripotency

Protein Pathways: RNA degradation

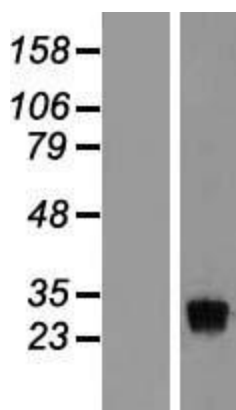
MW: 30 kDa

Gene Summary: This gene encodes a 3'-5' exoribonuclease that specifically interacts with mRNAs containing AU-rich elements. The encoded protein is part of the exosome complex that is important for the degradation of numerous RNA species. A pseudogene of this gene is found on chromosome 6. [provided by RefSeq, Mar 2009]

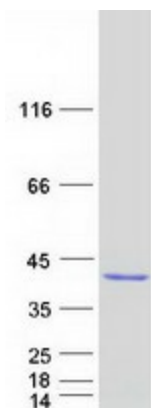
Product images:



Circular map for RC204768



Western blot validation of overexpression lysate (Cat# [LY405688]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC204768 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).



Coomassie blue staining of purified EXOSC8 protein (Cat# [TP304768]). The protein was produced from HEK293T cells transfected with EXOSC8 cDNA clone (Cat# RC204768) using MegaTran 2.0 (Cat# [TT210002]).