

## Product datasheet for **RC209098**

### HBXIP (LAMTOR5) (NM\_006402) Human Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** HBXIP (LAMTOR5) (NM\_006402) Human Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** HBXIP  
**Synonyms:** HBXIP; XIP  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**ORF Nucleotide Sequence:** >RC209098 ORF sequence  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGAGCCAGGTGCAGGTCACCTCGACGGTCACCGCGGGGAGCCCAAGCCTTCGTCAGGCTCTGTGCG  
ACGGAAGCGCAGTGATGTTTTCCAGTAAAGAACCGGACGTTGCACCGTGATCAATTTTGTCCCTTTGGA  
GGCGCGTTACGGTCCACGCCCGCTCGCGTCAAGTGACTGAGGCCTGTGGTGGAGAAGGACGTGCCGTG  
CCGCTGGGTTCTGAGCCGAGTGGTGGTGGGATGGAGCGACCTTGGAGCAGCACTTGAAGACA  
CAATGAAGAATCCCTCCATTGTTGGAGTCTGTGCACAGATTACAAGGACTTAATCTGGGTTGCCGCGG  
GACCCTGTGAGTATGCTGGAGTATCTGTTCTAGCCAGCAAGCAGCTAAGCTAACCTCTGAC  
CCCACTGATATTCTGTGGTGTCTAGAAATCAGATAATGGGAACATTATGATCCAGAAACACGATGGCA  
TACGGTGGCAGTGACAAAAATGGCCTCT

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >RC209098 protein sequence  
Red=Cloning site Green=Tags(s)

MEPGAGHLDGHRAGSPSLRQALCDGSVAMFSSKERGRCTVINFPLEAPLRSTPRSRQVTEACGGEGRAV  
PLGSEPEWSVGGMEATLEQHLEDTMKNPSIVGLCTDSQGLNLGCRGTLSDHAGVISVLAQQAALTS  
PTDIPVVCLESDNGNIMIQQHDGITVAVHKMAS

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

**Chromatograms:** [https://cdn.origene.com/chromatograms/mk6125\\_g08.zip](https://cdn.origene.com/chromatograms/mk6125_g08.zip)



[View online »](#)

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM\_006402

ORF Size: 519 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

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\\_006402.3](#)

RefSeq Size: 855 bp

RefSeq ORF: 522 bp

Locus ID: 10542

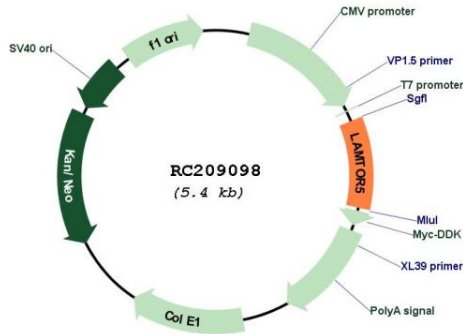
UniProt ID: [O43504](#)

**Cytogenetics:** 1p13.3

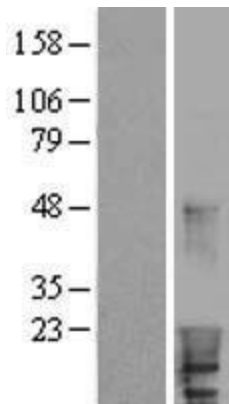
**MW:** 18.2 kDa

**Gene Summary:** This gene encodes a protein that specifically complexes with the C-terminus of hepatitis B virus X protein (HBx). The function of this protein is to negatively regulate HBx activity and thus to alter the replication life cycle of the virus. [provided by RefSeq, Jul 2008]

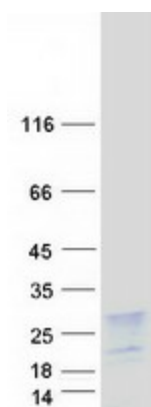
**Product images:**



Circular map for RC209098



Western blot validation of overexpression lysate (Cat# [LY401923]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC209098 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).



Coomassie blue staining of purified LAMTOR5 protein (Cat# [TP309098]). The protein was produced from HEK293T cells transfected with LAMTOR5 cDNA clone (Cat# RC209098) using MegaTran 2.0 (Cat# [TT210002]).