

Product datasheet for **RG209098**

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: TurboGFP
Symbol: HBXIP
Synonyms: HBXIP; XIP
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG209098 representing NM_006402
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGAGCCAGGTGCAGGTCACCTCGACGGTCACCGCGGGGAGCCCAAGCCTTCGTCAGGCTCTGTGCG
 ACGGAAGCGCAGTGATGTTTTCCAGTAAAGAACCGGACGTTGCACCGTGATCAATTTGTCCTTTGGA
 GGCGCGTTACGGTCCACGCCCGCTCGCGTCAAGTGACTGAGGCCTGTGGTGGAGAAGGACGTGCCGTG
 CCGCTGGGTTCTGAGCCGAGTGGTGGTGGTGGGATGGAGGCGACCTTGGAGCAGCACTTGAAGACA
 CAATGAAGAATCCCTCCATTGTTGGAGTCTGTGCACAGATTACAAGGACTTAATCTGGGTTGCCGCGG
 GACCCTGTGAGTATGCTGGAGTATATCTGTTCTAGCCAGCAAGCAGCTAAGCTAACCTCTGAC
 CCCACTGATATTCTGTGGTGTCTAGAAATCAGATAATGGGAACATTATGATCCAGAAACACGATGGCA
 TCACGGTGGCAGTGACAAAAATGGCCTCT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >RG209098 representing NM_006402
 Red=Cloning site Green=Tags(s)

MEPGAGHLDGHRAGSPSLRQALCDGSAMFSSKERGRCTVINFPLEAPLRSTPRSRQVTEACGGEGRAV
 PLGSEPEWSVGGMEATLEQHLEDTMKNPSIVGVLCTDSQGLNLGCRGTLSDHAGVISVLAQQAALTS
 PTDIPVVCLESDNGNIMIQQHKGITVAVHKMAS

TRTRPLE - GFP Tag - V

Restriction Sites: Sgfl-MluI



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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

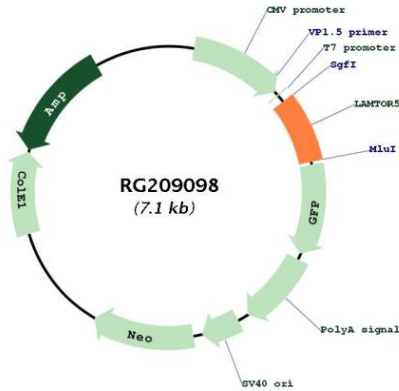
Locus ID: 10542

UniProt ID: [O43504](#)

Cytogenetics: 1p13.3

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 RG209098