

## Product datasheet for **RG232092**

### IL18BP (NM\_005699) Human Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** IL18BP (NM\_005699) Human Tagged ORF Clone  
**Tag:** TurboGFP  
**Symbol:** IL18BP  
**Synonyms:** FVH; IL18BPa  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-AC-GFP (PS100010)  
**E. coli Selection:** Ampicillin (100 ug/mL)  
**ORF Nucleotide Sequence:** >RG232092 representing NM\_005699  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGACCATGAGACACAACCTGGACACCAGACCTCAGCCCTTTGTGGGTCTGCTCCTGTGTGCCACGTCG  
 TCACTCTCCTGGTCAGAGCCACACCTGTCTCGCAGACCACCACAGCTGCCACTGCCTCAGTTAGAAGCAC  
 AAAGGACCCCTGCCCTCCAGCCCCAGTGTCCAGCAGCTAAGCAGTGTCCAGCATTGGAAGTGACC  
 TGGCCAGAGGTGGAAGTGCCACTGAATGGAACGCTGAGCTTATCCTGTGTGGCCTGCAGCCGCTTCCCCA  
 ACTTCAGCATCCTCTACTGGCTGGCAATGGTTCCTTCATTGAGCACCTCCAGGCCGACTGTGGGAGGG  
 GAGCACACGCCGGAACGTGGGAGCACAGGTACGACGCTGTGCAAGGCCTTGGTGTGGAGCAGCTGACC  
 CCTGCCCTGCACAGCACCAACTTCTCCTGTGTGCTCGTGGACCCTGAACAGGTTGTCCAGCGTCACGTGCG  
 TCCTGGCCAGCTCTGGGTGAGGAGCCCAAGGAGAGGCCTCCAGGAACAGGAGGAGCTCTGCTTCCATAT  
 GTGGGGAGGAAAGGGTGGGCTCTGCCAGAGCAGCCTG

**ACGCGTACGCGGCCGCTCGAG** - GFP Tag - GTTTAA

**Protein Sequence:** >RG232092 representing NM\_005699  
 Red=Cloning site Green=Tags(s)

MTMRHNWTPDLSPLWVLLCAHVVTLLVRATPVSTTTAATASVRSTKDPSPQPPVFAAKQCPALEVT  
 WPEVEVPLNGTSLSCVACSRFPNFSILYWLGNFSFIEHLPGRLEWEGSTSRERGSTGTQLCKALVLEQLT  
 PALHSTNFSVLDPEQVVQRHVLAQLWVRSRRLQEQEELCFHMWGGKGLCQSSL

**TRTRPLE** - GFP Tag - V

**Restriction Sites:** Sgfl-MluI



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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\\_005699.3](#), [NP\\_005690.2](#)

**RefSeq Size:** 2796 bp

**RefSeq ORF:** 600 bp

**Locus ID:** 10068

**UniProt ID:** [O95998](#)

**Cytogenetics:** 11q13.4

**Protein Families:** Druggable Genome, Secreted Protein

**Gene Summary:** The protein encoded by this gene functions as an inhibitor of the proinflammatory cytokine, IL18. It binds IL18, prevents the binding of IL18 to its receptor, and thus inhibits IL18-induced IFN-gamma production, resulting in reduced T-helper type 1 immune responses. This protein is constitutively expressed and secreted in mononuclear cells. Elevated level of this protein is detected in the intestinal tissues of patients with Crohn's disease. Alternatively spliced transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq, Feb 2011]