

## Product datasheet for **RG206414**

### ABI3BP (NM\_015429) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ABI3BP (NM_015429) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	ABI3BP
Synonyms:	NESHBP; TARSH
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG206414 representing NM_015429 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGCGAGGTGGCAAATGCAACATGCTCTCCAGTTGGGGTGTCTACTTCTCTGTGGAAGTATTACACTAG  
CCCTGGGAAATGCACAGAAATTGCCAAAAGGTTAAAGGCCAAACCTCAAAGTCCACATCAATACCACAAG  
TGACTCCATCCTTTGAAGTTCTTGCCTCAAGTCCAAATGTAAGCTTGAAGTCTTCTCCTGGGATAT  
GGCAGCAATGTATCACCAACCAGTACTCCCTCTTCCCGCTGAAGGGAAATTCACAGAAGCTATAGTTG  
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TAAACTCGTTCTCGCAAACCTCTGCAGCTGGTGGTGGCACTCTGACACCGAGCTCAGTCTTCCGTGCC  
TGGGGTTTCTCATCAACCCACACCATGACTGGACATTGCCAAGTCACTGTCCCAATGACAGATTTTATA  
CAATTCGATATCGAGAAAAGGATAAAGAAAAGAAGTGGATTTTTCAAATCTGTCCAGCCACTGAAACAAT  
TGTGAAAACCTAAAGCCCAACACAGTTTATGAATTTGGAGTGAAAGACAATGTGGAAGTGGAAATTTGG  
AGTAAGATTTTCAATCACAAGACTGTTGTTGGAAGTAAAAAGTAAATGGGAAAATCCAAAGTACCTATG  
ACCAAGACCACACAGTCCAGCATATGTCCAAGGAACTAATCCAATAACAATCATCAAGCAAGTGTAT  
TCAGAATGTTACTCACAAGGATTCAGCTAAATCCCAGAAAAGCTCCACTGGGAGGAGTACTAGTAC  
CACCTTATTCCAGGCTTAAATGAAACTACTGTAAGTCTTCCATCCCTAATGTTTGGATTTTCAG  
ATGCATCAAGACACAATTAGCTAAGAATGAAACCTTGGCAATTACCTGCCGAATCTAAAACACCAGAGGT  
TGAAAAATCTCAGCACGACCCACAACAGTACTCCTGAAACAGTTCCAAGAAGCACTAAACCCACTACG  
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AACTGAAATCTTACCAGTCCAGAAATGCAGCCTACGACACCTGCTCCCAGCAAACCTACATCTATCCC  
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ACAATTACACCTAAAATTCTAAAAGCCCTGAACCTACATGGACAACACCGGCTCCCGTAAAACACAAT
TTATTTCTCTGAAACCTAAAATCCCTCTCAGCCAGAAGTGACACACACCAAACCTGCTCCCAAGCAGAC
ACCACGTGCTCCTCTAAGCCAAAAACATACCACGCCAAGAATCCCACAAACACAACCAAGTTCCTAAG
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TGACTCTGTCAAACGGTCCCAAGAGGAGGCCACAGAGGGGAATGCCACCAGCCACCACAGAACCCA
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CTGTGCAACTCTCTCAGATACAAGATTTACTTGAGCGACTCCCTCACAGGAAAATTTTATAACATAGGTG
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ACTCACTTCTGACCAGTTACCAATCAAAGAAGGTTATTTTCAGAGCAGTTCGCCAGGAACCTGTCCAATTT
GGAGAAATAGGTGGTCACACCCAAATCAATTATGTTCACTGGTATGAATGTGGGACTACAATTCCTGGAA
AATGG
    
```

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

**Protein Sequence:**

>RG206414 representing NM\_015429

Red=Cloning site Green=Tags(s)

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MRGGKCNMLSSLGCLLLCGSITLALGNAQKLPKGKRPNLKVHINTTSDSILLKFLRSPNVKLEGLLLGY
GSNVSPNQYFPLPAEGKFTEAIVDAEPKYLIVVRPAPPPSQKSCSGKTRSRKPLQLVVGTLTPSSVFLS
WGFLINPHHDWTLPSHCPNDRFYTIYREKDKKWFQICPATETIVENLKPNTVYEFVGDNVEGGIW
SKIFNHHKTVVGSKKVNGKIQSTYDQDHTVPAYVPRKLIPIITIIKQVIQNVTHKDSAKSPEKAPLGGVILV
HLIIPGLNETTVKLPASLMFEISDALKTLAKNETLALPAESKTPEVEKISARPTTVTPETVPRSTKPTT
SSALDVSETTLASSEKPWIVPTAKISEDKVLQPQTATYDVFSSPTTSDEPEISDSYATSDRILDSIPP
KTSRTLEQPRATLAPSETPFVQKLEIFTSPEMQPTTAPQQTTSIPSTPKRRPRPKPPRTKPERTSAG
TITPKISKSPPTWTPAPGKTQFISLKPKIPLSPEVTHTKPAPKQTPRAPPKPKTSPRPRIPQTQVPVK
VPQRVTAKPKTSPSPEVSYTTPAPKDVLLPHKPYEVSQSEPAPLETRGIPFIPMISPSQSQEELQTTLE
ETDQSTQEPFTTKIPRTTELAKTTQAPHRFYTTVRPRTSDKPHIRPGVKQAPRPSGADRNVSDSTHPTK
KPGTRRPLPPRPTHPRRKLPPNNTGKPGSAGIISGPIITPPLRSTPRPTGTPLERIEIDIQKQTPV
ASGEELNITDFSSSPTRETDPLGKPRFKGPHVRYIQKPDNSPCSIDSVKRFKKEATEGNATSPQNPN
PTNLTVVTVEGCPFSFVILDWEKPLNDTVTEYEVISRENGSFSGKNKSIQMTNQTFSTVENLKNPNTSYEFQ
VKPKNPLGEGPVSNTVAFSTESADPRVSEPVSAGRDAIWTERPFNSDSYSECKGKYVVRKTYWYKFFVGVQ
LCNSLRKYIYLSDSLTKGFYNIIGDRGHGEDHCQFVDSFLDGRGTQQQLTSDQLPIKEGYFRAVRQEPVQF
GEIGGHTQINIVQWYECGTTIPGKW
    
```

TRTRPLE – GFP Tag – V

**Restriction Sites:**

Sgfl-MluI

**Cloning Scheme:**


**ACCN:** NM\_015429

**ORF Size:** 3225 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\\_015429.2](#), [NP\\_056244.2](#)

**RefSeq Size:** 4533 bp

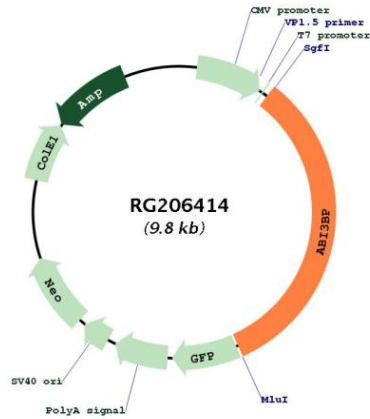
**RefSeq ORF:** 3207 bp

**Locus ID:** 25890

**UniProt ID:** [Q7Z7G0](#)

Cytogenetics: 3q12.2  
 Domains: FN3  
 Protein Families: Druggable Genome, Transmembrane

**Product images:**



Circular map for RG206414