

Product datasheet for **RG221146**

FBP2 (NM_003837) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FBP2 (NM_003837) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	FBP2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG221146 representing NM_003837 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGACGGACAGAAGCCCTTCGAAACCGACATGCTCACCTGACCCGCTACGTTATGGAAAAGGGGCGTC
AGGCCAAAGGGACTGGGGAGCTCACCCAGCTGCTGAACTCAATGCTGACGGCCATCAAAGCCATCTCCTC
GGCTGTGCGCAAGGCCGGTCTGGCCACCTGTATGGAATCGCAGGAAGCGTTAACGTGACGGGAGATGAG
GTGAAGAACTGGATGTGCTATCCAATCCCTGGTGATCAACATGCTCCAATCCTCTATAGTACCTGCG
TCCTGGTCTCAGAAGAGAATAAGGACGCCATCATCACCGCAAGGAGAAGAGGGGAAATACGTGGTCTG
CTTTGACCCACTGGATGGATCTTCCAATATTGACTGCCTGGCCTCCATCGGAACCATCTTTGCCATCTAT
AGAAAGACCTCAGAGGATGAGCCTTCTGAAAAGGATGCCCTGCAGTGTGGCCGCAATATTGTGGCCGAG
GTTATGCGCTGTACGGTAGTGCAACCTGGTGGCTCTCTCCACAGGGCAAGGCGTGGACCTCTTCATGCT
TGACCCGGCTCTTGGTGAATTTGCTGGTGGAAAAAGATGTCAAGATTAAGAAGAAAGGAAAGATTTAC
AGCCTGAATGAGGGCTATGCCAAGTATTTGATGCGGCCACCACTGAATATGTGCAGAAAAAGAAATTC
CTGAGGATGGCAGTGCTCCCTACGGGGCCAGGTATGTGGGCTCCATGGTGGCTGACGTGCACCGCACCT
GGTCTATGGAGGAATCTCCTGTACCCAGCCAACCAGAAGAGCCCTAAGGGCAAGCTCCGGCTCCTGTAT
GAATGCAATCCCGTGGCTACATCATTGAGCAGGCAGGAGGCTTGCGACCACGGGGACCCAGCCTGTAC
TGGACGTGAAGCCCGAGGCAATTCACCAGCGAGTCCCCCTCATTCTGGGGTACCAGAGGATGTGCAGGA
ATATCTCACCTGTGTGCAGAAAAATCAGGCAGGCAGC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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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_003837.2](#), [NP_003828.2](#)

RefSeq Size: 1332 bp

RefSeq ORF: 1020 bp

Locus ID: 8789

UniProt ID: [O00757](#)

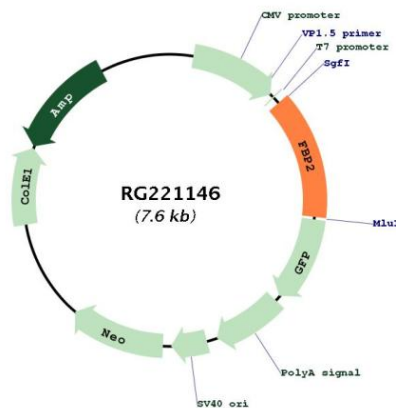
Cytogenetics: 9q22.32

Protein Families: Druggable Genome

Protein Pathways: Fructose and mannose metabolism, Glycolysis / Gluconeogenesis, Insulin signaling pathway, Metabolic pathways, Pentose phosphate pathway

Gene Summary: This gene encodes a gluconeogenesis regulatory enzyme which catalyzes the hydrolysis of fructose 1,6-bisphosphate to fructose 6-phosphate and inorganic phosphate. [provided by RefSeq, Jul 2008]

Product images:



Circular map for RG221146