

Product datasheet for **RN213165**

Eif4ebp1 (NM_053857) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Eif4ebp1 (NM_053857) Rat Untagged Clone
Tag: Tag Free
Symbol: Eif4ebp1
Synonyms: PHAS-I
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN213165 representing NM_053857
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGTCGGCGGGCAGCAGTTGCAGCCAGACTCCCAGCCGGGCTATCCCCTCGCCGGTAGCCCTCGGG
ACGGCGTGCAGCTCCCGCCGGGGACTACAGCACCACCCCGGGCAGCTCTTCAGCACCACCCCGG
AGGAACCAGAATCATCTATGACCGAAATTCCTGATGGAGTGTGGAACTCGCCTGTGGCCAAAACACC
CCAAAGGACCTGCCAACCATCCAGGGTCACTAGCCCTACCAGCGATGAGCCTCCATGCAGGCCAGCC
AGAGCCATCTGCACAGCAGCCCGGAAGATAAGCGGGCAGGTGGTGAAGAGTCACAGTTTGATGGACAT
TTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_053857
Insert Size: 354 bp
OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
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).



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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_053857.2](#), [NP_446309.1](#)

RefSeq Size: 862 bp

RefSeq ORF: 354 bp

Locus ID: 116636

UniProt ID: [Q62622](#)

Cytogenetics: 16q12.3

Gene Summary: forms a complex with eukaryotic initiation factor-4E (eIF-4E) and is an intracellular target for insulin and growth factors [RGD, Feb 2006]