

Product datasheet for RN206229

Eif2ak4 (NM_001105744) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Eif2ak4 (NM_001105744) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Eif2ak4
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN206229 representing NM_001105744 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCCGATCGCC

ATGGCTGGGGCCCGGGGCCGAGGACGCGGCCGGCTGAGCCGAGGAGAGCTATTACAGAGACAGG
ACCACGAGCTGCAGGCCCTGGAGGCGATTTACGGCTCGGACTCCAGGATCTGCGGCCGGATGCGCGCGG
ACGGGTGAGAGAGCCCTCTGAAATCAATTTAGTTCTGTACCCTCAGGGCCTGGCTGGTGAGGAAGTGTAC
GTGCAGGTGGAGCTGAGGGTCAAATGCCACCGACATACCCGGATGTAGTTCCCGAAATAGAGTTAAAAA
ACACTAAAGGTCTGTCAATGAGAGTGTAAATTTGTTAAAGTCACACCTGGAAGAAGTGGCCAAAAAGCA
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CCTCCAAAGTCTTCCATGAAGAAATGCTGAAAGGCAGGCTCAGGAGAAGCAGCAGAGGTTGCTGGAGG
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CATGCCTCTAAGAGAGACCCAGCAGGACACAGGGCAGTGCCTTCTCCATGGAGGCTCTCTGACTTTG
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TGGTGAAGCCTCTCTGGCTCGTGTGACATCCTCTACTTCTGTGTGGGTAGCGCTGATCAGCTCATGGTG
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CGGGCAGCTTTGTCTTGTGTATGAGTGGGTCCTCAGTGGCAGAAAAAGATGGGCCCTTGCCCTTACCAG
TCAAGAGAAAGAGAAGATCGATAAATGTAAAAAGCAGATTCAAGGAGCAGAAACAGAATTCAGCTCCCTA
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ACTTCTGAAGAAGTGTGTTGCTGGACGACAAGGAAAGGTGGAGCCCTCAACAGTTGCTGAAACACAG
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ATCGAGACCATCATCCCCAGCAACCAGCTGCCAGCGCTGCGTTCTTCACTGAGACACAGAGACAGTTCT
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 GACCTAGGAAGTTAGACCGATTTTCATCCAAAGAACTCCTGGAATGTGCATTTGACATCGTCACTTCTAC
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 TCACTGCAGAGATCATGTATGACTGGTCACAGTCCCAGGAAGAGTTACAAGAATACTGCAGACATCAGCA
 AATCACTATGTGGCCCTGGTCTCTGATAAAGAAGGAAGCCATGTCAAGGTCAAGTCTTTGAGAAGGAG
 AGGCAAAACAGAAAACGTTGTTGGAATCAGATCTTGTGGACCATGTTATGCAGAAAATAAGGACCAAAG
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 TAATGCTTCAGGTTTGTGAAATCCATGGAACAACAGTAGTCCCCACTGTGAGTGTTATATCACCAGAA
 AAAGTGTGCGCCAGCACCAGGAGGCGACATGAGATTGAGGTGCAAACCCGACTTCAGACTACCTTGCCA
 ATTTACATCAGAAAAGCAGTGAATTTGAAATTTGGCTGTGGATCTACCAAGGAGACCATTACAGTT
 TCTATCGTAGAGTGGGACGCTGATGAACAGGCATTTAACACAACCGTGAACAGCTGCTGTACGCGCTG
 CCAAAGCAAAGATACCTCAAACCTGCTGCGACGAAATCTATAACATCAAAGTTGAGAAGAAGGTGTCGG
 TGTTGTTCTGTACAGCTACAGAGATGACTACTACAGAATCCTATTCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:	NM_001105744
Insert Size:	4950 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).
Reconstitution Method:	<ol style="list-style-type: none">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:	<u>NM_001105744.2, NP_001099214.2</u>
RefSeq Size:	5225 bp
RefSeq ORF:	4950 bp
Locus ID:	114859
Cytogenetics:	3q35