

Product datasheet for **MC206379**

Pea15a (BC038282) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Pea15a (BC038282) Mouse Untagged Clone
Tag: Tag Free
Symbol: Pea15a
Synonyms: Mat1; PEA-15; Pea15; Pkcs15
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC038282
 CCACGCGTCCGAGCCAAGGAGCAGGCTCCAGACGCTGCTTAGGAACCGGGGACCCGGGAGTGCCCGCACC
 CTGAGCTCTCAGCTCCGAGGCGTCATGGCAGAGTACGGAACCTCCTTCAGGACCTGACCAACAACATC
 ACCCTTGAAGATCTGGAACAGCTCAAGTCAAGCCTGCAAGGAGGACATCCCCAGTGAGAAGAGTGAGGAGA
 TCACCACAGGCAGTGCCTGGTTTAGCTTCTGGAGAGCCACAACAAGCTGGACAAAGACAACCTCTCCTA
 CATTGAGCACATCTTTGAGATATCTCGCGCTCCTGACCTCCTCACTATGGTGGTTGACTACAGAACCCGT
 GTGCTGAAGATCTCTGAGGAGGAGGAGCTGGACACCAAGCTAACCCTGATTCAGTGCCAAAGAAGTACA
 AAGACATTATCCGGCAGCCCTCTGAAGAAGAAATCATCAAATTGGCTCCCCACCAAGAAGGCCTGAAC
 AAGGGGGAGGAAGAGGAGGAAGTTGGATCTTCATCAGACCCTCCCTCCCCATCCTCAATGGGAGGGG
 CTAGGGCAACCCCTGCTCCGTACCCATTTACTAACTTGGTCTAACCCTTACTATGCGCGTGTGTGTGC
 GTGTGCGCAGCTCTGGCTGTCTGTCTGTCTAGCTCATCTAGTTCCTCCTCCTCATGAGGGGATTGGAGG
 CAAGGGAGGGGGGCTTAAATCCCCCACTATAGGGGGAGGTGGACGCTTTTTCTATGTAACAGAAATT
 GGCACATTCTCCTCCTTCTCCCCCTTCTCCACTCTTCCCCACATCTTTATGGAAGCAGAAAGGACCT
 GCATTTTCTACTGAGGAGCTATGGTGAAGATGAGGTATGGGAGAGATGGTTGTATCTAAAGAAAACC
 AGTGGGAAGGAAGGTAAGAGGGCCACTCAACCTCCACCTGGTAAGGGACAAAGAAAAGCCAGGACTCAG
 TGTTTGTATCTCTATGCTGGACTGGTTAGAAGCCAGCTTCTGCTGTTCCCTTAGGCTGAGGTCCTGAGT
 GCCAATGGGCCCTCCTTATGCCCTTGTATGGGCTGGGATGCGGATGAGCCAGAAATCTTAATGAGAAG
 ACCACTCGATCCTTTCTGGTCCCAAAGATCAAACCCCAATGGAGAAGCCAGCATTACTGTCCCCAAC
 CTTCTGCTCTGGAGAGACGATGCCGGGACCATGCACTACTGAGCCTGAGCTAGGGACGCAGGCAGAGACA
 GGCCCACTTTCTGCTCCTCAGTTTCTAAATACAGACTGTTGGATAAACTGACCTGGAGCCTAGGGAGATT
 GGGGGATGAGATCCTTAGGTTTTAACCCCAACCTGCCCAACCTACAGAGTATTGTAGGCAACCTTTCC
 ACTCTCCAGTTTAGAATTCTCCAAGCAAGTAGTTAATTACAGTGTTCCTTTGCACTGACCACCACCCTG
 ATTCAATCCAGGAAGGGACTGGTAACCTTTCTCATTTGGGTTTGTGGATGCCACACAGTCAAGTCACTAG
 AGTGCAGTGAGTGAACCCAGCCTCCTCCTGTCCCAAGATGCCCTTCCCCATCTTGACCGTGCTAACTGT
 GTGTACATATATATTCTACATATATGTATTAACCCGCACTGCCATGTCAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI



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ACCN:	BC038282
Insert Size:	393 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:	BC038282 , AAH38282
RefSeq Size:	1676 bp
RefSeq ORF:	393 bp
Locus ID:	18611
Cytogenetics:	1 79.54 cM
Gene Summary:	This gene encodes an adaptor protein that functions as a negative regulator of apoptosis induced by tumor necrosis factor-alpha, tumor necrosis factor-related apoptosis-inducing ligand, and Fas, through its interaction with fas-associated protein with death domain and caspase-8. It also regulates proliferation signaling by relocating the extracellular signal-regulated protein kinases 1 and 2 to the cytosol. The protein encoded by this gene contains an N-terminal death effector domain and a long, flexible C-terminal tail. In humans, the encoded protein is an endogenous substrate for protein kinase C. This protein is overexpressed in type 2 diabetes mellitus, where it may contribute to insulin resistance in glucose uptake. Multiple pseudogenes of this gene have been identified. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2016]