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Product datasheet for SC337332

FAM48A (SUPT20H) (NM_001278482) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FAM48A (SUPT20H) (NM_001278482) Human Untagged Clone
Tag:	Tag Free
Symbol:	FAM48A
Synonyms:	C13; C13orf19; FAM48A; FP757; P38IP; SPT20
Vector:	pCMV6 series

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Fully Sequenced ORF: >NCBI ORF sequence for NM_001278482, the custom clone sequence may differ by one or more nucleotides

ATGCAACAAGCTTTAGAACTAGCTTTGGATCGTGCAGAGTATGTCATTGAAAGTGCCCGACAGAGACCTC
CTAAAAGGAAATACCTATCAAGTGGAAGAAAATCTGTATTTCAAAAACTTTATGACTTGTATATTGAAGA
ATGTGAAAAAGAACCTGAAGTTAAGCAGAAATTAAGAAGAAATGTGAACTTGTTAGAGAAGCTTGTTATG
CAAGAGACTTTGTCATGTTTAGTGGTCAATCTATACCCAGGAAATGAGGGATATTCTCTGATGCTCAGGG
GAAAAAACGGATCAGATTCCGAGACCATTCGACTGCCCTATGAAGAAGGAGAGTTGCTTGAATATTTGGA
TGCAGAAGAATTACCTCCTATTTTGGTTGATCTCCTAGAAAAATCTCAGGTTAATATTTTTCATTGCGGA
TGTGTCATAGCAGAAATACGTGACTACAGGCAGTCCAGTAACATGAAATCTCCTGGTTACCAAAGTCGGC
ACATTCTCTTACGTCCAACAATGCAGACTTTAATTTGTGATGTACATTCAATAACAAGTGATAACCACAA
ATGGACCCAGGAAGACAAACTTTTGCTTGAGAGCCAGCTCATCCTAGCTACAGCTGAACCACTCTGTCTT
GATCCTTCTATAGCAGTCACCTGCACTGCAAACAGACTGCTCTATAACAAGCAAAAGATGAACACTCGCC
CAATGAAACGGTGTTTCAAGAGGTATTCCAGATCCTCTCTGAATCGGCAGCAAGATCTATCTCATTGTCC
ACCTCCTCCTCAGCTGAGGTTACTTGATTTCTTACAAAAAAGAAAGGAAAGAAAAGCAGGTCAGCATTAT
GACCTCAAAATTTCTAAGGCAGGAAATTGTGTAGATATGTGGAAACGGAGTCCCTGTAATTTGGCCATAC
CTTCTGAAGTAGATGTGGAGAAATATGCTAAAGTGGAAAAGTCTATCAAATCTGATGACTCACAGCCAAC
AGTCTGGCCAGCCCATGATGTAAAAGATGATTATGTATTTGAATGTGAAGCTGGTACTCAGTATCAGAAA
ACAAAGCTGACCATCTTGCAGTCGCTTGGAGATCCACTTTACTATGGTAAAATACAGCCATGTAAAGCAG
ATGAAGAAAGTGACAGCCAGATGTCTCCATCACACTCGTCCACAGATGATCATTCAAATTGGTTCATTAT
TGGATCAAAGACCGATGCTGAGAGGGTAGTCAATCAGTACCAAGAATTAGTCCAGAATGAAGCCAAATGT
CCGGTCAAGATGTCACACAGCTCCAGTGGCTCAGCCAGTCTGAGTCAGGTTTCTCCAGGGAAAGAAACAG
ATCAAACTGAAACCGTGTCAGTTCAGTCTTCGGTATTGGGGAAGGGTGTAAAACATCGACCCCCACCAAT
CAAACTTCCCTCAAGCTCAGGAAATAGTTCCTCAGGTAACTATTTTACACCACAACAGACAAGCAGCTTT
CTCAAATCTCCAACTCCTCCTCCTTCTTCTAAGCCATCAAGTATTCCTCGGAAATCATCTGTGGATCTCA
ATCAAGTTAGCATGCTTTCTCCAGCTGCCCTATCACCTGCCAGCTCATCACAAAGAACCACGGCCACCCA
GGTCATGGCAAACTCTGCTGGACTTAACTTCATCAATGTAGTGGGCTCTGTTTGTGGGGCCCAGGCTTTG
ATGAGTGGTTCAAACCCCATGCTGGGCTGTAACACTGGTGCCATAACTCCTGCAGGAATAAACCTGAGCG
GCCTTCTACCCTCAGGAGGTCTGCTACCAAATGCACTGCCCAGTGCAATGCAGGCAGCTTCTCAAGCAGG
TGTTCCATTTGGTTTAAAAAATACTTCAAGTCTCAGGCCCTTAAATCTACTCCAGCTTCCAGGTGGTTCA
CTTATTTTTAACACTCTGCAGCAGCAGCAACAGCAGCTCTCCCAGTTTACACCACAACAACCTCAGCAGC
CCACAACTTGTAGTCCTCAACAGCCAGGGGAGCAGGGTTCTGAGCAAGGTTCAACCAGTCAAGAACAGGC
CTTATCTGCTCAGCAAGCTGCTGTTATTAACCTTACTGGAGTAGGAAGTTTTATGCAGTCACAGGCAGCT
GCAGTTGCGATTCTTGCAGCATCAAATGGCTATGGCAGCAGCAGCAGCACAAACAGCTCAGCTACATCAT
CATCGGCATACAGGCAGCCAGTCAAAAAGTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001278482

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:	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_001278482.1, NP_001265411.1
RefSeq Size:	3040 bp
RefSeq ORF:	2202 bp
Locus ID:	55578
UniProt ID:	Q8NEM7
Cytogenetics:	13q13.3
Protein Families:	Transcription Factors
Gene Summary:	Required for MAP kinase p38 (MAPK11, MAPK12, MAPK13 and/or MAPK14) activation during gastrulation. Required for down-regulation of E-cadherin during gastrulation by regulating E-cadherin protein level downstream from NCK-interacting kinase (NIK) and independently of the regulation of transcription by FGF signaling and Snail (By similarity). Required for starvation-induced ATG9A trafficking during autophagy.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (5) differs in the 5' UTR, compared to variant 2. Variants 2, 4 and 5 encode the same isoform b.