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Product datasheet for SC105313

XTP4 (MIEN1) (NM_032339) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	XTP4 (MIEN1) (NM_032339) Human Untagged Clone
Tag:	Tag Free
Symbol:	XTP4
Synonyms:	C17orf37; C35; ORB3; RDX12; XTP4
Mammalian Cell Selection:	None
Vector:	pCMV6-XL4
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC105313 sequence for NM_032339 edited (data generated by NextGen Sequencing) ATGAGCGGGGAGCCGGGGCAGACGTCCGTAGCGCCCCCTCCCGAGGAGGTCGAGCCGGGC AGTGGGGTCCGCATCGTGGTGGAGTACTGTGAACCCTGCGGCTTCGAGGCGACCTACCTG GAGCTGGCCAGTGCTGTGAAGGAGCAGTATCCGGGCATCGAGATCGAGTCGCGCCTCGGG GGCACAGGTGCCTTTGAGATAGAGATAAATGGACAGCTGGTGTTCTCCAAGCTGGAGAAT GGGGGCTTTCCCTATGAGAAAGATCTCATTGAGGCCATCCGAAGAGCCAGTAATGGAGAA ACCCTAGAAAAGATCACCAACAGCCGTCCTCCCTGCGTCATCCTGTGA Clone variation with respect to NM_032339.3

View online »

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_032339 unedited
GGGTGCACATTTTGTATACGACTCATATAGGCGGCCGCGAATTCGGCACGAGGCCGCGAT
GAGCGGGGAGCCGGGGCAGACGTCCGTAGCGCCCCCTCCCGAGGAGGTCGAGCCGGGCAG
TGGGGTCCGCATCGTGGTGGAGTACTGTGAACCCTGCGGCTTCGAGGCGACCTACCTGGA
GCTGGCCAGTGCTGTGAAGGAGCAGTATCCGGGCATCGAGATCGAGTCGCGCCTCGGGGG
CACAGGTGCCTTTGAGATAGAGATAAATGGACAGCTGGTGTTCTCCAAGCTGGAGAATGG
GGGCTTTCCCTATGAGAAAGATCTCATTGAGGCCATCCGAAGAGCCAGTAATGGAGAAAC
CCTAGAAAAGATCACCAACAGCCGTCCTCCCTGCGTCATCCTGTGACTGCACAGGACTCT
GGGTTCCTGCTCTGTTCTGGGGTCCAAACCTTGGTCTCCCTTTGGTCCTGCTGGGAGCTC
CCCCTGCCTCTTTCCCCTACTTAGCTCCTTAGCAAAGAGACCCTGGCCTCCACTTTGCCC
TTTGGGTACAAAGAAGGAATAGAAGATTCCGTGGCCTTGGGGGCAGGAGAGAGACACTCT
TCATGAACACTTCTCCAGCCACCTCATACCCCCCTTCCCAGTGTAAGTGCCCACGAAAGC
CCAGTCCACTCTTCGCCTCGGTAATACCTGTCTGATGCCACAGATTTTATTTATTCTTCC
CTTACCCACGGCAATGTCAGCTATTGGCAGTAAAGTGGCGCTACAAACCAAAAAATAAAA
AAAAAAAACTTGACTTTAGATTGCCGTCGCGGTCATAACTGTTTCCTGAACATAACCCGG
TGGGATCCCTGTGACCCCTCCCCATGCCTTTTCTGGCCCTGAAAGTGCCACTCAATGCCC
CCAACCTTTTTCTAT

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_032339 unedited
GAGTTTTATATTCTTTTTTTTTTTTTGTTTGTAGCGCCACTTTACTGCCAATAGCTGACA
TTGCCCTGGGTTAGGGGAGAATAAATAAAATCTGTGGCATCAGACAGGTATTACCGAGGC
GAAGAGTGGACTGGGCTTTCGTGGGCACTTACCCTGGGAAGGGGGTATGAGGTGGCTGGA
GAATTGTTCATGGAGAGTGTCTCTCTCCTGCCCCCAAGGCCACGGAATCTTCTATTCCTT
CTTTGTACCCAAAGGGCAAAGTGGAGGCCAGGGTCTCTTTGCTAAGGAGCTAAGTAGGGG
AAAGAGGCAGGGGGAGCTCCCAGCAGGACCAAAGGGAGACCAAGGTTTGGACCCCAGAAC
AGAGCAGGAACCCAGAGTCCTGTGCAGTCACAGGATGACGCAAGGAGGACGGCTGTTGGT
GATCTTTTCTAGGGTTTCTCCATTACTGGCTCTTCGGATGGCCTCAATGAGATCTTTCTC
ATAGGGAAAGCCCCCATTCTCCAGCTTGGAGAACACCAGCTGTCCATTTATCTCTATCTC
AAAGGCACCTGTGCCCCCGAGGCGCGACTCGATCTCGATGCCCGGATACTGCTCCTTCAC
AGCACTGGCCAGCTCCAGGTAAGTCGCCTCGAAGCCGCAGGTTCACAGTACTCCACCACG
ATGCGGACCCCACTGCCCGGCTCGACCTCCTCGGGGAGGGGGCGCTACGGACGTCTGCCC
CGGCTCCCCGCTCATCGCGGCCTCGTGCCCGATTCGCGGCCGCCCTATAGTGAGTCCTAT
TACAAAATCTGACGGTTCACTAAACGAGCTCTGCTTATATAGACCCTCCAACCGTAAACG
CCTAACGGCCAT

Restriction Sites: NotI-NotI

ACCN: NM_032339

Insert Size: 800 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:	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_032339.3, NP_115715.3
RefSeq Size:	781 bp
RefSeq ORF:	348 bp
Locus ID:	84299
UniProt ID:	Q9BRT3
Cytogenetics:	17q12
Gene Summary:	Increases cell migration by inducing filopodia formation at the leading edge of migrating cells. Plays a role in regulation of apoptosis, possibly through control of CASP3. May be involved in a redox-related process.[UniProtKB/Swiss-Prot Function]