

Product datasheet for **RN214470**

Cytip (NM_001012086) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Cytip (NM_001012086) Rat Untagged Clone
Tag: Tag Free
Symbol: Cytip
Synonyms: Pscdbp
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN214470 representing NM_001012086
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGTCTCTGCAAAGGCTTCTGCAGCAGCAGAGCAGCAATGGCAATCTGGAGTACTGTGCCGACAGTGCCT
ACAGCTCTACCCACACTCACAGGCCCGCTCACGGTGGAAAGACAACAGAAGGATTCAAATGCTGGCAGA
CACCGTGGCTACTTTGCCTCGGGGAAGAAAACAGCTTGCCTGGCCAGATCAAGCTCTCTAGGTGACTTC
TCCTGCTCTCAAAGGAAGTTGTTACTGTGAAAAGCAGGACAATGGAACCTTTGGATTTGAAATTCAGA
CCTACAGACTTCAGAACCAGAACATCTGCTCTTCAGAAGTGTGCACTATGATCTGCAAAGTGCAGGAAGA
CAGCCCGCTCACTGTGCTGGCCTGCAAGTTGGTGACATCTTTGCAAATGTCAATGGCGTGAGCAGAGAA
GGCTTCACTCACAAACAAGTGGTTGACCTGATCCGATCTTCGGGAAATCTGCTAACGATAGAGACTCTTA
ATGGGACAATGATTCACAGAAGAGCAGAACTTGAGGCAAAGCTGCAGACTTTAAAGCAAACCTTGAAGAA
AAAATGGGTGGAGCTCAGGTCTCTGCACCTACAGGAACAGCGCTGCTGCATGGAGATGCGGCTAACTCC
CCAAATTTGAAAACATGAACCTCGATGAGTCTCTTTGTTTGGAAATCTACTGGGGCCGAGTCCAGCCT
TCCTGGACCGCCCCGATTGTCCAGTGAGAGCAGCTGTAAGAGCTGGCTGAGCTCCCTCACGGTGGACAG
TGAGGATGACTACGGTACCAGCGTGTCCGAGGACTCCATCCGGGGCGCTTTCAGTCGGCAGACCAGCACC
GACGATGAGTGCTTTCACTCTAAGGATGGGGATGAAATTCCTAAGGAATGCTTCTTCCAGGAGAAACCGGA
GTATCAGTACTACTAGTAGTGGTCTTTTCTCCTTTGTGGGAGAGCAATTAACAAGCGTGTGGGAC
TCTGCCCGGAAAAGCAGACGGGAAAGTGTCCGAAAACAAATTTTGAATTCATCCCTGGCCTTCATCGT
GCTGTGGAAGAGGAAGAGAGTTCGCTTT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001012086



Insert Size:	1080 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_001012086.1, NP_001012086.1</u>
RefSeq Size:	1694 bp
RefSeq ORF:	1080 bp
Locus ID:	311047
UniProt ID:	<u>Q5I0L6</u>
Cytogenetics:	3q21
Gene Summary:	By its binding to cytohesin-1 (CYTH1), it modifies activation of ARFs by CYTH1 and its precise function may be to sequester CYTH1 in the cytoplasm.[UniProtKB/Swiss-Prot Function]