

Product datasheet for **SC319540**

PHF22 (INTS12) (NM_020395) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PHF22 (INTS12) (NM_020395) Human Untagged Clone
Tag:	Tag Free
Symbol:	PHF22
Synonyms:	INT12; PHF22; SBB122
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF:	>OriGene sequence for NM_020395.2 <pre> CGGGAACAGACGGATCGGCAGGGCGGGCGGAACGGTGAGGCCATCTACTGAAACACAGA AGCAATTTTAAAAGAAAATGGAGGAAGTATAACTGATCTTTGCAGAAAGTGGGAAGTGA GTTGACCAGAGAAGGATGAGAGAATTGCCAAGTTGACTGAACGCCAAGCTGAGAATGGT GATTCTGAAGATAGAATGCGTTTGCAATGGCTGCTACTGTGAACCTTGGAACTTGATCCCA TTTTTTTGAAAGCACTAGGTTTCTTGCATTCAAAGAGTAAAGATTCTGCTGAAAAGCTAA AAGCACTGCTTGATGAATCTTTGGCTCGGGCATTGATTCCAGTTACCGTCCATCTCAAA AGGATGTGGAGCCACCCAAAATTTCAAGCACAAAAAACATTTCCATTAAAGCAAGAGCCCA AAATATCATCCAGTCTTCTCTGGTAATAATAATGGCAAGTCTCACAACCTGAAAAGG TAAAGAAGGAAGCTGAAAAGAGACCTGCTGATAAAATGAAATCAGACATCACTGAAGGAG TTGATATTCCAAAGAAACCTAGATTGGAGAAACCAGAAACACAGTCATCTCCATTACTG TCCAAAGTAGCAAGGATTTACCTATGGCTGACCTTTCCAGTTTGGAGAGACCAGTGCTG ATGATTTTGCCATGGAGATGGGATTGGCTGCGTTGTTGTAGGCAAATGATGGTGGCAT CTGGCAATCAATTAGTAGAATGTCAGGAGTGCCATAATCTCTACCACCGAGATTGTCATA AACCCCAAGGTGACAGACAAGGAAGCGAATGACCCTCGCCTGGTGTGGTATTGTGCCCGAT GTACCAGACAAATGAAAAGAATGGCTCAAAAAACTCAGAAACCACCGCAGAAACCAGCCC CTGCAGTTGTTTCTGTAACCTCCAGCTGTCAAAGATCCATTGGTTAAGAAACCAGAAACTA AACTGAAACAAGAGACAACCTTTTCTAGCGTTTAAGAGAACAGAAGTCAAGACATCCACAG TTATTTTCAGGAAATCTTCTAGTGCCAGCGTTTCTCGTCAGTAACTAGTGGCTTAACTG GATGGGCAGCTTTTGCAGCCAAAACCTCCTCTGCTGGTCTTCAACAGCAAAATTTAGTT CAACAACACAAAACAATACTGGGAAACCTGCTACTTCGTCAGCTAACCAGAAACCTGTGG GTTTGACTGGTCTGGCAACATCATCCAAAGGTGGAATAGGTTCCAAAATAGGTTCCAATA ACAGCACTACGCCCACTGTACCTTTAAAACCACTCCACCTCTAACCTTGGGTAAAAGTGA GCCTTAGTCGCTCAGTTAGTTGTGACAATGTCAGCAAGTAGGTTCTTCTAGTCCAAGTA GTTTAGTTCCAGGAAGCAGCAGCCAATAAGTGGGAATGGAATAGTGGAAACATCAGGAC CTAGTGGAAAGTACTACCAGCAAACTACTTCAGAATCCAGCAGCTCTCCCTCAGCATCCC TTAAAGGCCCACTTCACAAGAATCACAGCTCAATGCTATGAAGCGATTACAGATGGTCA AGAAGAAAGCTGCCCAAAAGAACTCAAGAAAGTAAATGTGGCCAAGTAGGTTTTGTATCA TATTAGCCTAAAGATGAAAGGCTTATTATTATGATATAATCTGTAATACACTGTAATTTA ATAAAAGTCTTCATAATCAAAAAAAAAAAAAAAAAAAAA </pre>
Restriction Sites:	Please inquire
ACCN:	NM_020395
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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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:	<u>NM_020395.2, NP_065128.2</u>
RefSeq Size:	1716 bp
RefSeq ORF:	1389 bp
Locus ID:	57117
UniProt ID:	<u>Q96CB8</u>
Cytogenetics:	4q24
Domains:	PHD
Protein Families:	Druggable Genome, Transcription Factors
Gene Summary:	INTS12 is a subunit of the Integrator complex, which associates with the C-terminal domain of RNA polymerase II large subunit (POLR2A; MIM 180660) and mediates 3-prime end processing of small nuclear RNAs U1 (RNU1; MIM 180680) and U2 (RNU2; MIM 180690) (Baillat et al., 2005 [PubMed 16239144]).[supplied by OMIM, Mar 2008] Transcript Variant: This variant (1) includes an alternate exon in the 5'UTR. Variants 1 and 2 encode the same protein.