

Product datasheet for **SC126182**

DPY30 (BC015970) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	DPY30 (BC015970) Human Untagged Clone
Tag:	Tag Free
Symbol:	DPY30
Synonyms:	dpy-30 homolog (C. elegans); dpy-30-like protein; HDPY-30; OTTHUMP00000158573; Saf19
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for BC015970 edited GGGGGTTTGTGCTGGGAGCTGGTGGCGCGGTGCAGCGCTCTTAAGAACGAACGGCTTGGG CGCGGACTGGTATCCGGGGACTGTGACTTGCAGGGTCCGCCATGGAGCCAGAGCAGATGC TGGAGGGACAAACGCAGTTGCAGAAAATCCTCACTCTGAGTACGGTCTCACAGACAACG TTGAGAGAATAGTAGAAAATGAGAAGATTAATGCAGAAAAGTCATCAAAGCAGAAGGTAG ATCTCCAGTCTTTGCCAACTCGTGCCTACCTGGATCAGACAGTTGTGCCTATCTATTAC AGGGACTTGCTGTGCTTGCAAAGGAAAGACCACCAAAATCCCATTGAATTTCTAGCATCTT ATCTTTTAAAAACAAGGCACAGTTTGAAGATCGAACTGACTTAATGGGAAGAACAGAA AAATTTAGTTGCTACTGTAGATTTACATGATTAAGAGGCAGCTTTAATTGCCATGATCAT TCCCTCTTTTGGATGTATAAGAACCTTCCGGACAACAGACCCTATTTCTGGAATTGCAG AAGATAACATATTTCCCTTATTTTGATTTAATCACCATAAACCATACCTATTTAATGAGT GTATTCTGTGCAATTTTTTCTCAGATTGTCTTTAACTTTGTTTTTAAAATGACCTTCAA AATAAACTGTCAAAACACCAATAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA



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5' Read Nucleotide Sequence:	>OriGene 5' read for BC015970 unedited GGTCAGGATTTGTATACGACTCACTATAGGCGGCGCGGAATTCGCCATTACGGCCGGGG GTTTGTGCTGGGAGCTGGTGGCGCGGTGCAGCGCTCTTAAAAACGAACGGCTTGGGCGCG GACTGGTATCCGGGACTGTGACTTGCAGGGTCCGCCATGGAGCCAGAGCAGATGCTGGA GGGACAAACGCAGGTTGCAGAAAATCCTCACTCTGAGTACGGTCTCACAGACAACGTTGA GAGAATAGTAGAAAATGAGAAGATTAATGCAGAAAAGTCATCAAAGCAGAAGTAGATCT CCAGTCTTTGCCAACTCGTGCCTACCTGGATCAGACAGTGTGTGCCTATCTTATTACAGG GACTTGCTGTGCTTGCAAAGGAAAGACCACCAAATCCCATTGAATTTCTAGCATCTTATC TTTTAAAAACAAGGCACAGTTTGAAGATCGAAACTGACTTAATGGGAAGAACAGAAAA TTTAGTTGCTACTGTAGATTTACATGATTAAGAGGCAGCTTTAATTGCCATGATCATTCC CTCTTTTTGGATGTATAAGAACCTTCCGGACAACAGAACCTATTTCTGGAATTGCAGAAG ATAACATATTTCCCTATTTTGTATTAATCACCATAAACCATACCTATTTAATGAGTGTA TTCTGTGCGATTTTTTCTCAGATTGTCTTTAACTTTGTTTTTAAAAATGACCTTCAAAT AAACTGTGCAAAACACNTNNNNNANAAAAANAAAAAATGTCGGCCGGCT CGGCCCTCGACTTAGATTGGGGCGGGCATAGCTGGTTCCTGAACAAATCCCGGGTGG GATCCCTGTGACCCTCCCCAGGCTCTNCTGGCCCTGGGAATGGCACTCAGGGCCACA GCCTGGGTATAAAAATAAGTGGTCATTTTGTGATAGGGGCT
Restriction Sites:	Please inquire
ACCN:	BC015970
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:	BC015970.1 , AAH15970.1
RefSeq Size:	710 bp
Locus ID:	84661
Cytogenetics:	2p22.3
Gene Summary:	This gene encodes an integral core subunit of the SET1/MLL family of H3K4 methyltransferases. The encoded protein directly controls cell cycle regulators and plays an important role in the proliferation and differentiation of human hematopoietic progenitor cells. [provided by RefSeq, Mar 2016]