

Product datasheet for SC111569

RNF149 (NM_173647) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RNF149 (NM_173647) Human Untagged Clone
Tag:	Tag Free
Symbol:	RNF149
Synonyms:	DNAPTP2
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC111569 sequence for NM_173647 edited (data generated by NextGen Sequencing)

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ATGGCGTGGCGGGCGCGAAGCCGGCGTGGGGCTCGCGCGTGTGGCTCTGGCGTTG
CTCGCCCTGGCCCTGTGGTGGCCGGGGCCGGGCGCGGCTCTCGAGTGGTTCTCGGC
GTGGTAAACATCGAGTACGTGGACCCGACAGAACCTGACGGTGTGGAGCTCTCGGAG
AGTGGCCGCTTCGGCGACAGCTCGCCAAAGGAGGGCGCGCATGGCCTGGTGGGCGTCCCG
TGGGCGCCCGGCGGAGACCTCGAGGGCTGCGCGCCGACACGCGCTTCTTCGTGCCCGAG
CCCGGGCGCCGAGGGCCGCGCCCTGGGTGCGCCCTGGTGGCTCGTGGGGCTGCACCTTC
AAGGACAAGGTGCTGGTGGCGGCGGAGGAACGCCTCGCCGTCGTCTCTACAATGAG
GAGCGCTACGGGAACATCACCTTGCCCATGTCTCACGGGAACAGGAAATATAGTGGTC
ATTATGATTAGCTATCCAAAAGGAAGAGAAATTTGGAGCTGGTGCAAAAAGGAATTCCA
GTAAACGATGACCATAGGGTTGGCACCCGCATGTACAGGAGTTCATCAGCGTCACTCT
GTGGTGTGGTGGCCATTGCCTTCATCACCATGATGATTATCTCGTTAGCCTGGCTAATA
TTTTACTATATACAGCGTTTCTATATACTGGCTCTCAGATTGGAAGTCAGAGCCATAGA
AAAGAACTAAGAAAGTTATTGGCCAGCTTCTACTTCATACTGTAAGCATGGAGAAAAG
GGAATTGATGTTGATGCTGAAAATTGTGCAGTGTGATTGAAAATTTCAAAGTAAAGGAT
ATTATTAGAATTCTGCCATGCAAGCATATTTTTCATAGAATATGCATTGACCCATGGCTT
TTGGATCACCGAACATGTCCAATGTGTAACCTTGATGTCAAAAGCCCTAGGATATTGG
GGAGAGCCTGGGATGTACAGGAGATGCCTGCTCCAGAATCTCCTCGGAAGGGATCCA
GCTGCAAATTTGAGTCTAGCTTTACCAGATGATGACGGAAGTGATGAGAGCAGTCCACCA
TCAGCCTCCCCTGCTGAATCTGAGCCACAGTGTGATCCCAGCTTTAAAGGAGATGCAGGA
GAAAATACGGCATTGCTAGAAGCCGGCAGGAGTACTCTCGCATGGAGGCCATCTCC
TAG

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Clone variation with respect to NM_173647.3
25 a=>g;1068 c=>g



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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_173647 unedited TACGACTGCACTATAGGGCGGCCGCAATTCGGCACGAGGCTCAGTCTTCCAGGGCGGGC GTGGGTGTCCGCTTCTCTGCTCTTCGACTGCACCGCACTCGCGCGTGACCCTGACTCC CCCTAGTCAGCTCAGCGGTGCTGCCATGGCGTGGCGGGCGCGCAAGCCGGCGTCGGGGC TCGCGGCGTGTGGCTCTGGCGTTGCTCGCCCTGGCCCTGTGCGTGCCCGGGGCCGGGG CCGGGCTCTCGAGTGGTTCTCGGCCGTGGTAAACATCGAGTACGTGGACCCGAGACCAA CCTGACGGTGTGGAGCGTCTCGGAGAGTGGCCGCTTCGGCGACAGCTCGCCCAAGGAGGG CGCGCATGGCCTGGTGGCGTCCCGTGGGCGCCCGGCGGAGACCTCGAGGGCTGCGCGCC CGACACGCGCTTCTTCGTGCCCGAGCCCGGCGCGAGGGGCCGCGCCCTGGGTGCGCCCT GGTGGCTCGTGGGGGCTGCACCTTCAAGGACAAGGTGCTGGTGGCGGCGGGAGGAACGC CTCGGCCGTGCTCCTCTACAATGAGGAGCGCTACGGGAACATCACCTTGCCCATGTCTCA CGCGGGAACAGGAAATATAGTGGTCATTATGATTAGCTATCCAAAAGGAAGAAATTTT GGAGCTGGTGCANAAAGGAAATTCAGTAACGATG
Restriction Sites:	NotI-NotI
ACCN:	NM_173647
Insert Size:	2500 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:	NM_173647.2 , NP_775918.1
RefSeq Size:	2452 bp
RefSeq ORF:	1203 bp
Locus ID:	284996
UniProt ID:	Q8NC42
Cytogenetics:	2q11.2
Protein Families:	Druggable Genome, Transmembrane
Gene Summary:	E3 ubiquitin-protein ligase. Ubiquitinates BRAF, inducing its proteasomal degradation. [UniProtKB/Swiss-Prot Function]