

Product datasheet for SC112348

DDRGK1 (NM_023935) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	DDRGK1 (NM_023935) Human Untagged Clone
Tag:	Tag Free
Symbol:	DDRGK1
Synonyms:	C20orf116; dj1187M17.3; SEMDSH; UFBP1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC112348 sequence for NM_023935 edited (data generated by NextGen Sequencing) ATGGTGGCGCCTGTGTGTTACTTGGTAGCGGCGGCTCTGCTAGTCGGCTTTATCCTCTTC CTGACTCGCAGCCGGGGCCGGGCGGCATCAGCCGCCAAGAGCCACTGCACAATGAGGAG CTGGCAGGAGCAGGCCGGGTGGCCAGCCTGGGCCCTGGAGCCTGAGGAGCCGAGAGCT GGAGGCAGGCCTCGGCGCCGGAGGGACCTGGGCAGCCGCCTACAGGCCAGCGTCGAGCC CAGCGGGTGGCCTGGGCAGAAGCAGATGAGAACGAGGAGGAAGCTGTCATCCTAGCCCAG GAGGAGGAAGGTGTCGAGAAGCCAGCGGAACTCACCTGTCGGGGAAAATTGGAGCTAAG AAACTGCGGAAGCTGGAGGAGAAACAAGCGCGAAAGGCCAGCGTGAGGCAGAGGAGGCT GAACGTGAGGAGCGGAAACGACTCGAGTCCCAGCGCGAAGCTGAGTGGAAGAAGGAGGAG GAGCGGCTTCGCCTGGAGGAGGAGCAGAAGGAGGAGGAGGAGGAAGGCCCGCAGGAG CAGGCCAGCGGGAGCATGAGGAGTACCTGAACTGAAGGAGGCCTTTGTGGTGGAGGAG GAAGGCGTAGGAGAGACCATGACTGAGGAACAGTCCCAGAGCTTCTGACAGAGTTTCATC AACTACATCAAGCAGTCCAAGTTGTGCTCTTGAAGACCTGGCTTCCCAGGTGGGCCTA CGCACTCAGGACACCATAAATCGCATCCAGGACCTGCTGGCTGAGGGGACTATAACAGGT GTGATTGACGACCGGGGCAAGTTCATCTACATAACCCAGAGGAAGTGGCCGCCGTGGCC AACTTCATCCGACAGCGGGGCCGGGTGTCCATCGCCGAGCTTGCCCAAGCCAGCAACTCC CTCATCGCCTGGGGCCGGGAGTCCCCTGCCAAGCCCCAGCCTGA

Clone variation with respect to NM_023935.1



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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_023935 unedited TATTTTGTAAATACGAACTCACTATAGGGCGGCCGCAATTCGCACGAGGACGCAGTGGTTCTGCACTGAGGCCCTCGTCATGGTGGCGCCTGTGTGGTACTTGGTAGCGGCGGCTCTGCTAGTCGGCTTTATCCTCTTCTGACTCGCAGCCGGGGCCGGGCGGCATCAGCCGGCCAAGAGCCACTGCACAATGAGGAGCTGGCAGGAGCAGGCCGGGTGGCCAGCCTGGGCCCTGGA GCCTGAGGAGCCGAGAGCTGGAGGCAGGCCTCGGCGCCGAGGGACCTGGGCAGCCGCCTACAGGCCAGCGTCCGAGCCAGCGGGTGGCCTGGGCAGAAGCAGATGAGAACGAGGAGGAGAGCTGTCATCCTAGCCCAGGAGGAGGAAGGTGTCGAGAAGCCAGCGGAACTCACCTGTCGGGAAAATTGGAGCTAAGAACTGCGGAAGCTGGAGGAGAAACAAGCGGAAAGGCCCA GCGTGAGGCAGAGGAGGCTGAACGTGAGGAGCGGAAACGACTCGAGTCCCAGCGGAACTGAGNTGGAAGAAGGAGGAGGAGCGGCTTCGCCTGGAGAGGNCCANAAGGGANGAGGAGGAGAGGAAGGCCCGCGAGGAGCANGCCCAGCGGGAGCATGAGGAGTACCTGAAACTGAAGGAGGCCTTTGGTGGTGGAGGAGGAAGGCGTANGAGAGACCATGACTGAGGAACAGTCCCAGAGCTTCTGACAGAGTTCACTCACTACATCAAGCAGTCCAAGTTGTGCTCTTGAAGACCTGGCTTNCAGGTGGGCCTACGCACTCANGTAAGCCCTGGAAACGTGCCTGCTGTGTGCA GTGTGCCAGGGGTCTGTGGCTAGCAGAGAGACCTGCCCTAAGATGAGTCTGATGCACGTCTACTTTGTCCCACCAGATGAGTATGCACAAAGTCTCTGCACCTGGGATCTGCATTGTATGGACACAGGCAGAAAGAAAAA
Restriction Sites:	NotI-NotI
ACCN:	NM_023935
Insert Size:	3700 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:	<u>NM_023935.1</u> , <u>NP_076424.1</u>
RefSeq Size:	1298 bp
RefSeq ORF:	945 bp
Locus ID:	65992
UniProt ID:	<u>Q96HY6</u>
Cytogenetics:	20p13
Protein Families:	Secreted Protein, Transmembrane

Gene Summary:

The protein encoded by this gene interacts with components of the ubiquitin fold modifier 1 conjugation pathway and helps prevent apoptosis in ER-stressed secretory tissues. In addition, the encoded protein regulates nuclear factor- κ B activity. [provided by RefSeq, Dec 2015]