

## Product datasheet for RC221058L3

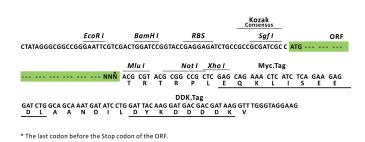
## NDRG4 (NM\_020465) Human Tagged Lenti ORF Clone

## **Product data:**

## OriGene Technologies, Inc.

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Product Type:Expression PlasmidsProduct Name:NDRG4 (NM_020465) Human Tagged Lenti ORF CloneTag:Myc-DDKSymbol:NDRG4Synonyms:BDM1; SMAP-8; SMAP8Mammalian Cell Selection:Puromycin		
Tag:Myc-DDKSymbol:NDRG4Synonyms:BDM1; SMAP-8; SMAP8Mammalian CellPuromycin	Product Type:	Expression Plasmids
Symbol:NDRG4Synonyms:BDM1; SMAP-8; SMAP8Mammalian CellPuromycin	Product Name:	NDRG4 (NM_020465) Human Tagged Lenti ORF Clone
Synonyms:BDM1; SMAP-8; SMAP8Mammalian CellPuromycin	Tag:	Myc-DDK
Mammalian Cell Puromycin	Symbol:	NDRG4
	Synonyms:	BDM1; SMAP-8; SMAP8
		Puromycin
Vector: pLenti-C-Myc-DDK-P2A-Puro (PS100092)	Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
E. coli Selection: Chloramphenicol (34 ug/mL)	E. coli Selection:	Chloramphenicol (34 ug/mL)
ORF Nucleotide The ORF insert of this clone is exactly the same as(RC221058) Sequence:		The ORF insert of this clone is exactly the same as(RC221058).
Restriction Sites: Sgfl-Mlul	<b>Restriction Sites:</b>	Sgfl-Mlul
Cloning Scheme:	Cloning Scheme:	
Cloning sites used for ORF Shuttling:		Cloning sites used for ORF Shuttling:
Sgf1         ORF         Mlu1            GCG ATC GCC         ATG//         NNN         ACG CGT		



ACCN: ORF Size: NM\_020465 1113 bp



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	4 (NM_020465) Human Tagged Lenti ORF Clone – RC221058L3
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. <u>More info</u>
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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> <li>Centrifuge at 5,000xg for 5min.</li> <li>Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>Close the tube and incubate for 10 minutes at room temperature.</li> <li>Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
RefSeq:	<u>NM 020465.2</u>
RefSeq Size:	3288 bp
RefSeq ORF:	1116 bp
Locus ID:	65009
UniProt ID:	<u>Q9ULP0</u>
Cytogenetics:	16q21
Domains:	Ndr
MW:	40.5 kDa
Gene Summary:	This gene is a member of the N-myc downregulated gene family which belongs to the alpha/beta hydrolase superfamily. The protein encoded by this gene is a cytoplasmic protein that is required for cell cycle progression and survival in primary astrocytes and may be involved in the regulation of mitogenic signalling in vascular smooth muscles cells. Alternative splicing results in multiple transcripts encoding different isoforms.[provided by RefSeq, Jun

2011]

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