

Product datasheet for **RC222445**

C1orf173 (ERICH3) (NM_001002912) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	C1orf173 (ERICH3) (NM_001002912) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	C1orf173
Synonyms:	C1orf173
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC222445 representing NM_001002912 Red=Cloning site Blue=ORF Green=Tags(s)

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Protein Sequence: >RC222445 representing NM_001002912
 Red=Cloning site Green=Tags(s)

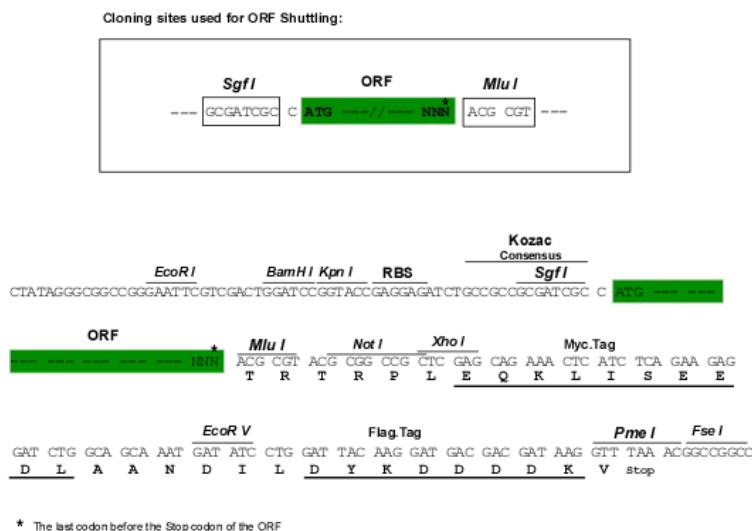
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Chromatograms: https://cdn.origene.com/chromatograms/mk8041_b06.zip

Restriction Sites: Sgfl-MluI

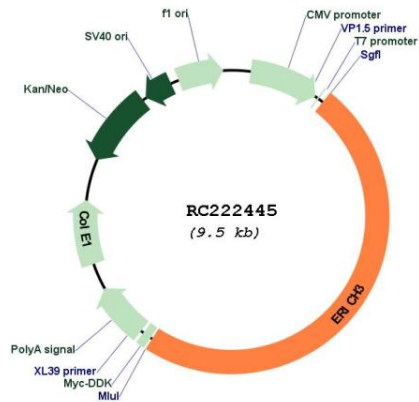
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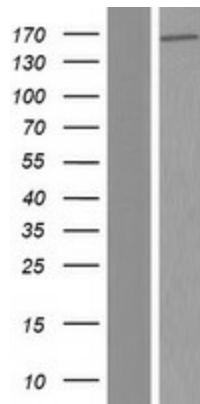
ACCN: NM_001002912

ORF Size:	4590 bp
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. More info
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:	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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_001002912.3 , NP_001002912.3
RefSeq Size:	7165 bp
RefSeq ORF:	4593 bp
Locus ID:	127254
UniProt ID:	Q5RHP9
Cytogenetics:	1p31.1
MW:	168.3 kDa

Product images:



Circular map for RC222445



Western blot validation of overexpression lysate (Cat# [LY424108]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC222445 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).