

Product datasheet for MR218145

Mrc2 (NM_008626) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Mrc2 (NM_008626) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Mrc2
Synonyms:	Endo180; mKIAA0709; uPARAP
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR218145 representing NM_008626 Red=Cloning site Blue=ORF Green=Tags(s)

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Protein Sequence: >MR218145 representing NM_008626
 Red=Cloning site Green=Tags(s)

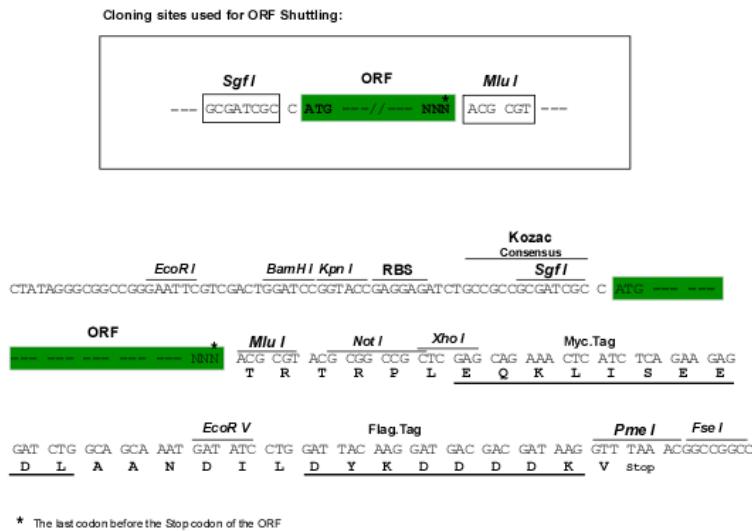
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Restriction Sites:

SgfI-MluI

Cloning Scheme:

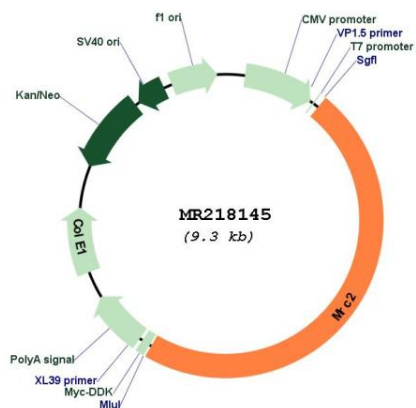


ACCN: NM_008626

ORF Size: 4437 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:	<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_008626.3 , NP_032652.3
RefSeq Size:	5801 bp
RefSeq ORF:	4440 bp
Locus ID:	17534
UniProt ID:	Q64449
Cytogenetics:	11 E1
MW:	167.5 kDa
Gene Summary:	May play a role as endocytotic lectin receptor displaying calcium-dependent lectin activity. Internalizes glycosylated ligands from the extracellular space for release in an endosomal compartment via clathrin-mediated endocytosis. May be involved in plasminogen activation system controlling the extracellular level of PLAU/PLAU, and thus may regulate protease activity at the cell surface. May contribute to cellular uptake, remodeling and degradation of extracellular collagen matrices. May participate in remodeling of extracellular matrix cooperating with the matrix metalloproteinases (MMPs).[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR218145