

Product datasheet for RR213288

Msh2 (NM_031058) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Msh2 (NM_031058) Rat Tagged ORF Clone
 Tag: Myc-DDK
 Symbol: Msh2
 Mammalian Cell Selection: Neomycin
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Restriction Sites: SgfI-MluI
 Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

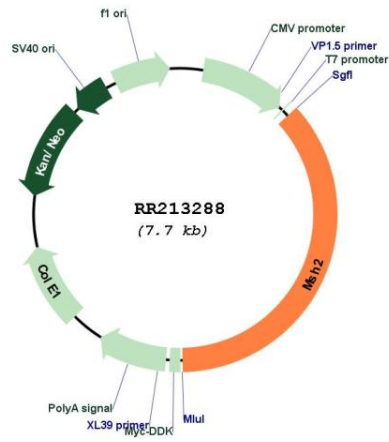
ACCN: NM_031058
 ORF Size: 2799 bp



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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_031058.1 , NP_112320.1
RefSeq Size:	3002 bp
RefSeq ORF:	2802 bp
Locus ID:	81709
UniProt ID:	P54275
Cytogenetics:	6q12
MW:	104 kDa
Gene Summary:	mismatch repair protein; may have an important role in spermatogenesis [RGD, Feb 2006]

Product images:



Circular map for RR213288