

Product datasheet for **MR220702L3**

Wdpcp (NM_145425) Mouse Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Wdpcp (NM_145425) Mouse Tagged Lenti ORF Clone
 Tag: Myc-DDK
 Symbol: Wdpcp
 Synonyms: AV249152
 Mammalian Cell Selection: Puromycin
 Vector: pLenti-C-Myc-DDK-P2A-Puro (PS100092)
 E. coli Selection: Chloramphenicol (34 ug/mL)
 ORF Nucleotide Sequence: The ORF insert of this clone is exactly the same as(MR220702).
 Restriction Sites: SgfI-MluI
 Cloning Scheme:

Cloning sites used for ORF Shuttling:



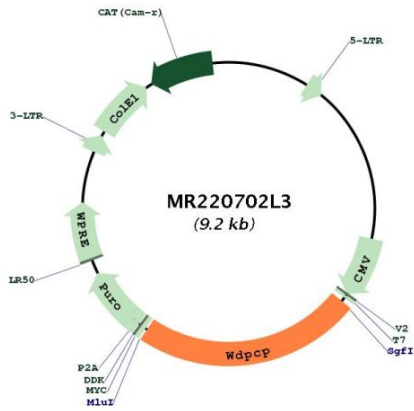
* The last codon before the Stop codon of the ORF.

ACCN: NM_145425
 ORF Size: 2169 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_145425.3 , NP_663400.2
RefSeq Size:	2443 bp
RefSeq ORF:	2169 bp
Locus ID:	216560
UniProt ID:	Q8C456
Cytogenetics:	11 13.9 cM
Gene Summary:	Probable effector of the planar cell polarity signaling pathway which regulates the septin cytoskeleton in both ciliogenesis and collective cell movements. Together with FUZ and WDPCP proposed to function as core component of the CPLANE (ciliogenesis and planar polarity effectors) complex involved in the recruitment of peripheral IFT-A proteins to basal bodies (PubMed:27158779).[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR220702L3