

## **Product datasheet for RR207399**

## Xpa (NM\_001106656) Rat Tagged ORF Clone

## **Product data:**

**Product Type:** Expression Plasmids

**Product Name:** Xpa (NM\_001106656) Rat Tagged ORF Clone

Tag: Myc-DDK

Symbol: Xpa

Mammalian Cell Neomycin

Selection:

Vector:pCMV6-Entry (PS100001)E. coli Selection:Kanamycin (25 ug/mL)

ORF Nucleotide >RR207399 representing NM\_001106656
Sequence: Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC

GCCGCGATCGCC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATTACAAGGATGACGACGATAAGGTTTAA



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>RR207399 representing NM\_001106656 **Protein Sequence:** 

Red=Cloning site Green=Tags(s)

MATAEEKRTSPEPAAAEKPAELPAAVRASVERKRQRALMLRQARLAARPYPAAAATGGVTSIKAAPKVID TKGGFILEEEEEKHKIGDVVHEPGPVMEFDYTICEECGKEFMDSYLMNHFDLPTCDSCRDADDKHKLIT KTEAKQEYLLKDCDLEKREPALRFIVKKNPRHSQWGDMKLYLKLQVVKRALEVWGSQEALEDAKEVRQEN REKMKQKKFDKKVKVGFYDAMKILLYDKPLY

**TRTRPL**EQKLISEEDLAANDILDYKDDDDK**V** 

https://cdn.origene.com/chromatograms/ja2652 g02.zip **Chromatograms:** 

**Restriction Sites:** Sgfl-Mlul

**Cloning Scheme:** 



CTATAGGGCGGCCGG	EcoRI GAATTCGTC		HI Kpn I	RBS CGAGGAGA	TCTGC		sus Sgfl	- : c <b>P</b>	TG -		
ORF	MNN	Miu I ACG CG T R			Khol C GAG	CAG AJ Q F	A CT	c.Tag C ATC I	TCF S	A GAA E	GAG E
GAT CTG GCA GCF		ATC CTG		Flag.Tag : AAG GAT K D	GAC D	GAC GA:	r AAG K	_	TAA stop	ACGG	se I Cagaa

<sup>\*</sup> The last codon before the Stop codon of the ORF

ACCN: NM 001106656

**ORF Size:** 723 bp

**OTI Disclaimer:** Due to the inherent nature of this plasmid, standard methods to replicate additional amounts

> of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at <a href="mailto:custsupport@origene.com">custsupport@origene.com</a> or by

calling 301.340.3188 option 3 for pricing and delivery.

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.

RefSeq: <u>NM 001106656.1</u>, <u>NP 001100126.1</u>

 RefSeq Size:
 1204 bp

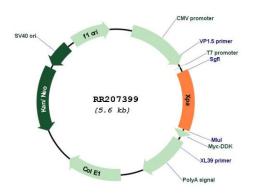
 RefSeq ORF:
 726 bp

 Locus ID:
 298074

 Cytogenetics:
 5q22

 MW:
 27.6 kDa

## **Product images:**



Circular map for RR207399