OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for MC209661

Xpa (NM_011728) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Xpa (NM_011728) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Xpa
Synonyms:	AI573865; Xpac
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF:

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>MC209661 representing NM_011728
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCGACGGCCGAGGAAAAGCAGACGTCACCTGAGCCCGTGGCCGCGGACGAGCCCGCGCAGCTGCCGG
CCGCCGTACGCGCGAGCGTGGAGCGGAAGCGACAGCGGGCACTGATGCTGCGCCAGGCTCGGCTGGCTGC
GCGGCCCTACCCCGCGGCGGCGGCCACCGGAGGCGTGGCCAGTGTAAAAGCAGCTCCCAAAATGATTGAC
ACCAAAGGTGGCTTCATTTTAGAAGAGGAAGAAGAGAAACACGAGATTGGAAACATTGTTCATGAACCAG
GGCCCGTCATGGAGTTTGATTACACCATCTGTGAAGAATGCGGGAAAGAGTTCATGGACTCGTACCTTAT
GAACCACTTTGATCTGCCAACGTGTGACAGCTGCAGAGATGCTGATGATAAACACAAGCTTATAACCAAG
ACAGAAGCGAAGCAAGAGTACCTTCTGAAGGACTGTGATCTAGAGAAGAGAGAGCCAGCGCTCAGGTTCC
TTGTGAAGAAGAACCCACGCCATTCACAGTGGGGCGATATGAAGCTCTACCTAAAGCTACAGGTGGTAAA
GCGGGCTCTTGAAGTGTGGGGTAGCCAGGAAGCTCTGGAAGATGCAAAGGAAGTGAGGCAGGAAAACCGA
GAAAAAATGAAGCAGAAGAAGTTTGATAAAAAAGTAAAAGAATTGCGGCGAGCAATAAGAAGCAGTGTAT
GGAAAAGAGAGACAACCACTCACCAACATAAATATGGACCAGAGGAAAACTTAGAAGATGACATGTACCG
CAAGACTTGTACCTTGTGTGGCCACGAACTGACATATGAAAAAATGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA
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Restriction Sites:	SgfI-MluI
ACCN:	NM_011728
Insert Size:	819 bp

View online »

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OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
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:	NM_011728.2, NP_035858.2
RefSeq Size:	972 bp
RefSeq ORF:	819 bp
Locus ID:	22590
UniProt ID:	Q64267
Cytogenetics:	4 24.49 cM
Gene Summary:	Involved in DNA excision repair. Initiates repair by binding to damaged sites with various affinities, depending on the photoproduct and the transcriptional state of the region. Required for UV-induced CHEK1 phosphorylation and the recruitment of CEP164 to cyclobutane pyrimidine dimmers (CPD), sites of DNA damage after UV irradiation (By similarity).[UniProtKB/Swiss-Prot Function]

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