

Product datasheet for **MG220517**

Xkrx (NM_183319) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Xkrx (NM_183319) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Xkrx
Synonyms:	A630026F04
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>MG220517 representing NM_183319
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGACAGAGTTTATGAAATTCCTGAGGAGCCAAATGTGGTTCCCATTTTCATCTCTGGAAGAAGATGTCA
 TCCGGGGGCCTAACCCACGCTTTACCTTCCCGTTTAGTATCCTCTTCTCCACCTTTTGTACTGTGGGA
 GGCTGCGTCTGCTTTGTACATGGTTAGAATTTACCGAAAGAATAATGAAACCTTCTGGATGACATACACA
 TTTTCTTTTTCATGTTTTTCATCTATCATGGTTCAGTTGACCCTCATTTTTGTCCACAGAGACCTGGCCA
 AAGATAGACCACTATCATTATTTATGCATCTAATCCTCTTGGGACCTGTTATCAGATGTTGGAGGCCAT
 GATTAATACTTACACTGTGGAAGAAAGAGGGGCAGGAGGAGCCATATGTCAGCCTCACCCGAAAGAAG
 ATGCTAATAGCTGCCAGGAGGTGCTGATAGAATGGGAGTGGGCCACTCCATCCGGACCCTGGCTATGC
 ATCGCAATGCCTACAAACGTATGTCACAGATCAAGCCTTCTGGGCTCAGTCCCCAGCTGACCTATCA
 GCTATATGTGAGTCTGATCTCAGCAGAAGTCCCCCTGGGTAGAGCTGTGTTAATGGCTTTTTCCCTGATA
 TCTGTCACCTACGGGGCTACCCTGTGCAATATGTTGGCTATCCAGATCAAGTATGATGACTACAAGATTA
 GACTGGGGCCACTGGAAGTCTTTGATCACCGTCTGGAGGACATTGGAGATCACTTCCCGCCTCGTGAT
 TCTGGTCTCTTCTCGCCACCTTGAAGTTGAAGGCTGTGCCCTTCTTAGTGCTCAACTTCTTGATCATC
 CTCTTTGAGCCCTGGGTCAAGTCTGGAGGAGTGGTGCCAAATGCCAAACAATATTGAGAAAACTTCA
 GCCGAGTTGGCACTCTGGTGGTACTGATTTCCGTCACCATTCTCTATGCTGGCATCAACTTCTTGTCTG
 GTCAGCCATGCAGTTGAAGTTGGCAGACAGAGACCTTGTGACAAAGGTCAGAACTGGGGACATATGGGA
 CTGCACATAGTGTGAGGCTGGTAGAGAATGTGATCATGGTCTTGGTTTTAAGTACTTCGGAGTCAAAG
 TGTTACTGAATTATTGTCATTCCTTGATTGCAGTGCAGCTTATTATTGCTTATCTGATTTCCATTGGGGT
 CATGCTTCTCTTCCAGTACTTGACCCCTGCGCTCACTCTTACCAATAACGTAGTAGACTACCTC
 CATTGTATCTGCTGCCGACACCCCGTCCGAAAGGGTTGAGAACTCAGAGACATCCTGTGAAGCTGACA
 CAACACAAAGTATTGTC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

>MG220517 representing NM_183319
 Red=Cloning site Green=Tags(s)

MDRVYEIPEEPNVVPISSLEEDVIRGPNRFTFPFSILFSTFLYCGEASALYMVRIYRKNNETFWMTYT
 FSFFMFSSIMVQLTLIFVHRDLAKDRPLSLFMHLILLGPVIRCLEAMIKYLLWKKEGQEEPYSVLRKK
 MLIAQGQEVLIIEWEVGHSIRTLAMHRNAYKRMSQIQAFVLSVPLTYQLYVSLISAEVPLGRAVLMFSLI
 SVTYGATLGNMLAIQIKYDDYKIRLGPLEVLCITVWRTLEITSRLVILVLFSATLKLKAVPFLVNLFLII
 LFEPWVKFWRSGAQMPNIEKNFSRVGTLVVLISVTILYAGINFSCWSAMQLKLADRDLVDKGQNWGHMG
 LHYSVRLVENVIMVLVFKYFVKVLLNYCHSLIAVQLIIAYLISIGVMLLFFQYLHPLRSLFTNNVVDYL
 HCICRRRPRPERVENSSETSCEADTTQSIV

TRTRPLE - GFP Tag - V

Restriction Sites:

SgfI-MluI

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:	<u>NM_183319.3</u>
RefSeq Size:	2898 bp
RefSeq ORF:	1350 bp
Locus ID:	331524
UniProt ID:	<u>Q5GH68</u>
Cytogenetics:	X E3