

Product datasheet for MR225106

Pex2 (NM_001163302) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pex2 (NM_001163302) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Pex2
Synonyms:	D3Erttd138e; PAF-1; PMP35; Pxmp3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR225106 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGACTGGCAAAGAAGAGAATAATGCAGAGTGCAAACAGAGTGCTGAGGATAAGTCAGTTGGATGCACTTG
AACTGAATAAGGCCCTGGAGCAGCTTGTGTGGTCCAGTTTACTCAGTGCCTTTCATGGATTTAAGCCAGG
ACTGTTAGCTCGCTTTGAGCCAGAAGTAAAGCATTCTGTGGCTTTTCTATGGAGTTACCATCTAC
TCCAAAAATGCCACTGTGGGCAGTCAGTTTTAAATATTCAGTACAAAAATGATTCTTCTCTCAACCTGA
TATACCAGCCACCGAGTAAAACAGAACTGTGGTATGCTGTGTGCACCATTGGGGAAAGTGGTTAGA
AGAACGATGTTATGATTTGTTTCGAAACCGTCATTTAGCGTCTTTTGGGAAAGCCAAACAGTTCATGAAT
TTTCTGGTTGGACTTTTAAATAGGTGAGTTGATAAACTTCTTGATTTTCTACAAAAGGAAAGTTTG
CACTTTGACAGAACGCCTCCTTGGCATTATTCCGTAATTTGCAAGCCCAGAACATGCGCGAAGTTGG
CTTTGAGTACATGAATAGGGAACCTCTGGCATGGCTTGTGTGAGTTTCTGATTTTCTCTTACCCTT
ATCAATATCCAGAAGTTGAAAGCCAAATGTCTTCTGGTGTATCCCTCTTACTGGTGTCTGGTGCATG
ACAGTACACTAGGCAGCAGTGGAAAAGAGTGTCTGTGTGGAGAGTGGCCACAATGCCTCACACTAT
TGGATGTGAACATGTATTTGTTACTACTGTGTTAAGAGTAGCTTCTATTTGACATATACTTTACGTGC
CGAAGTGTGGCAGAGAAGTGCACAGTGTGCAGCCCTTGAATCAGGAATTGAAATGTGAGAAGTAAATG
CTCTT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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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_001163302.2](#), [NP_001156774.1](#)

RefSeq Size: 2066 bp

RefSeq ORF: 918 bp

Locus ID: 19302

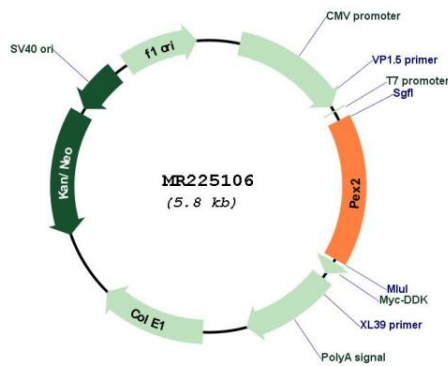
UniProt ID: [P55098](#)

Cytogenetics: 3 1.96 cM

MW: 34.9 kDa

Gene Summary: Somewhat implicated in the biogenesis of peroxisomes.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR225106