

Product datasheet for **MC202621**

Entpd4 (NM_026174) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Entpd4 (NM_026174) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Entpd4
Synonyms:	1200014F22Rik; 4930513O14Rik; A430102M06Rik; AI414893; Lysal1; mKIAA0392
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC043134 sequence for NM_026174
 GGAAAGGAGCCGAACCTCCGAAAGCTGGTGGCCGGGATGCGGGGCGCTAGTGGCCGCCGCCCGCCCGG
 AGCCGCGGCCCGCCAGCAGGGTGGCCCTGACTCCATGAAGGCCAGCTCTGATTCTGTATTGTGGAT
 GACGAGGACTGACTCCCACCATATCGCCTGGACCTTGCTTGCCTTTTTCAGTATGGGGAGGATTGGCATT
 CCTGTCTCTTCTGCCTCTTGGCATTTTAGCATCTCTCCAGTGGGCTGTCTCGAATTCTGAACACCAA
 TTTACGACAAATCGTTGTCATTAGCATCCTGGCTGCAGTGTCTCCCTTTTATACTTCTGTGTCATA
 ATCCGCAAGTATGGGTGGCTGTCAAAGGACAAGAAATTTCAAAGTACTTGGCCCGAGTCACAGACG
 TTGAGGCCACAGACACCAACAACCCAGCGTGAACATATGGCATCGTGGTGGACTGCGGCAGCAGTGGGTC
 TCGGATATTTGTCTACTGCTGGCCTCGGCACAATGGCAACCCTCACGATCTGCTGGACATCAGACAGATG
 AGGGACAAAAACCGAAGCCAGTGGTGTGAAGATTAAGCCCGCATCTCAGAGTTTGTACCTCTCCAG
 AAAAAAGTCAGCGACTACATTTCTCCGCTTCTGAGCTTTGCTGCAGAACATGTGCCCGGGCAAAACAAA
 AGAGACACCTCTACATTTCTCTGCACAGCTGGAATGAGAGTCTTCTGAAAGCCAGCAGAAAGCCATC
 CTAGAGGACCTCTGACCGACATCCCTGTGCACTATGATTTCTGTTTTCTGACTCCCATGCCGAAGTCA
 TCTCAGGAAAACAAGAAGGTGTGTATGCTTGGATCGGCATTAATTTTCTCCTCGGACGGTTTGAGCATAT
 TGAGGAGGATGACGAGGCGGTTGTGGAAGTCAACATTCGGGCAGCGAGAGCAGCGAGGCCATCGTGGC
 AAAAGGACAGCTGGTGTCTCGACATGGGAGGCGTGTCTACCCAGATAGCGTACGAAGTCCCCCAAACCTG
 TAAGCTTTGCCTCCTCGCAGCAGGAAGAAGTAGCTAAAAACCTGTTAGCTGAATTAACCTGGGGTGCGA
 TGTCCACCAGACTGAGCATGTGTACCGCTCTACGTGGCCACGTTTCTGGGTTTGGTGGTAATGTGCC
 CGGCAGAGATAGAAGACCGACTATTTGCCAGCACAGTTCAGAAAAACAGGCTCCTGGGTAACAGACTG
 GTCTGACTCCTGATGCTCCACTACTGGATCCCTGCTTGCCTCTGGACATTAAGATGAGATCCAGCAAAA
 CGGGCAGACCCGTACCTTCAGGGGACAGGAGACTTTGACCTGTGTGAGAGACCCTGCAGCCTTTCATG
 AACAAAACCAATGAGACCCAGACTTCCCTCAATGGCGTCTACCAGCCTCCAATCCACTCCAGAACAGTG
 AATTCTACGGCTTCTCTGAGTTCTACTACTGACCCGAGGATGTCTTGGCAATGGGGAGAGACTCAATGC
 TGCTAGATTCACTCAAGCTGCCAAGGATTACTGTGCAACAAAGTGGTTCGATCCTCGGGAACGCTTTGAC
 CGAGGACTCTATGCCTCTCATGCCGACCTCCATCGACTGAAGTATCAGTGTTCATAATCAGCCTGGATGT
 TCGAGGTGTTCCACAAAGGCTTCTCCTTCTGTACCTACAAAAACCTGAAGACGGCCTTGAGAGTGTA
 TGACAAGGAAGTACAGTGGACCTGGGGCCATCCTTTACCGACCCGCTTCTGCCCTTGAGAGACATC
 CGGCAGGAGGTGTTCCGAGCTGGCCACGCGCACTGGCGGGCGTGTCTTCTGCTACAACCACTATCTGT
 TCTCCGGTTGCTTCTGGTGTCTTCTGTCCATCCTTCTACCTGCTGCGGCTGCGGCGCATCCACCG
 CAGGGCGCCCCGACTGGCTCTGTGGATGGAGGAAGGCTGCCCTCCCAGAAGGGCCCTGGGCCCTTG
 TGACAGACTGCGTCAAGCTGAAGAAGACTCTACAGGAAAAGCCATTTTACCTCAGGGTTTCTGTAT
 GCTCAGACGGTTTTGTTGCCCTTTCCTTCTGTACAAAAACCTCTGATTGTAAAGCCCTGCTGTCTG
 GAGGGACTACCATTGTGAACACAGCTTTAACAGGAGGGGTGGGAATAGGAAGTCACTCTGCCACACATC
 AGCACTTTTACGACACGCACTTGAATGCAGTGCCAAGGGGACAGTGGCAGGTTCCCATCAGCATGGGTGG
 CACTTCAGAGTGTCTGGGACAGAACCAAGCCGTGAGTTAGACCTCTTTCTCTCCAAACCTCAACC
 TAGAAGGGAGGCGTTTGGTTTTATTTGTGCTCAGGTCCATCACCATCGGTGTTTTCTTGACAGATGTAA
 GACTTTAGTCTTTATAGGAAAAATCAACAAGATGGTGGCACAGGGAGGTGACACTGAAGAGTGGTCAGT
 GATGAGAGCTCCAGAGGCGAGCCAGCTCTGCCGACACAAGCACACCTGCAAAGCAGCCGCGCTTGT
 CCTGTGCTGAGAAATCTCTGTGGCCCTCTCAGAGCAGCCTTGGGGTTTTGTTTGTGAGTCTCATTGTTTTGT
 TTGTTTTTTTTAAACCAGAAAGTCTTAAAGTTCCCCTGGTCCAGTGGTCTGAGAGAGACTGAGTGTG
 CCTACAGGTGCCAGCGCCTCTGAGCCGAAGGTCTGTGCTGTTGAGCTAGCTGCTCCAGGCTTCTCCTC
 TTCTGAGCTGTGCTCCACTGTTTCAAGTCTTCTACTGTTTTTCTTCCAGGACACCCACACATTGCTTGA
 CAGTCTTGTGTGACGCTGTGGTTGCAGCTGTGCTTGGCAATGCCACTGTAAGCCACACCGTGGGAAGA
 GCCTGAATTTAAATAAGAAATAAATGCACACGTTGAAAAACAGAAAAAAAAAAAAAAAAAAAAAAAAAAAA
 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: AscI-NotI
ACCN: NM_026174
Insert Size: 1842 bp

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:	<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:	BC043134 , AAH43134
RefSeq Size:	3039 bp
RefSeq ORF:	1842 bp
Locus ID:	67464
UniProt ID:	Q9DBT4
Cytogenetics:	14 D2
Gene Summary:	<p>Hydrolyzes preferentially nucleoside 5'-diphosphates, nucleoside 5'-triphosphates are hydrolyzed only to a minor extent.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1). This locus is contained within a tandem segmental duplication. This sequence aligns equally well to ectonucleoside triphosphate diphosphohydrolase 4B.</p>