

Product datasheet for **MC219641**

Entpd7 (NM_053103) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Entpd7 (NM_053103) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Entpd7
Synonyms:	1810012B13Rik; 1810020C02Rik; 2810003F23Rik; LALP1; Lysal2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC219641 representing NM_053103
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCTAGGATCAGTTTTTCTACCTCTGCCAGCCTCCTGGTACTTCACTGTGCCACAGTGAGCCCGT
 TTCTCCGTCAGCGGGTGGCATTCTGGACTCTTCTTTATACCCTGTGTCCTTTTACTTCTTTAAATCAT
 GGATTTACGACTGGGCCACTTCGTTACCACGGGACAGGCAGTATGAGAGGTATTTGGCTCGGGTAGGA
 GACCTGGAAGCCACCAACACGGAAGACCCAAATCTGAATTATGGACTCGTGGTGGACTGTGGTAGCAGCG
 GCTCCCGGATTTTTGTTTACTTCTGGCCAAAGCATAATGGGAACCCCATGACTTGTGGACATCAAACA
 GATGAGAGACCGAACAGCCAGCCCGTGGTTAAGAAAATAAGCCAGGGATCTCCGCAATGGCAGACT
 CCGGAACATGCTAGCGATTACCTTCGACCTCTGCTGAGCTTCGCTGCTGCTCATGTGCCGTGAAGAAGC
 ACAGGGAGACGCCCTTTACATCCTCTGCACTGCGGGCATGAGGCTGCTCCCTGAGAGGCAACAGTTGGC
 TATCTTGGCAGATTTAGTAAAGATTTGCCGTTGGAGTTGACTTCTCTTTTACAGTCTCAGGCCGAA
 GTGATCTCTGGGAAACAGGAAGGAGTTTATGCATGGATCGGAATCAACTTGTCTGGGAAGATTTGACC
 ATGAAGATGAGTCAGACTCGGACACCTCTGTGGACTCAGCAGCAGGCCGAGGAGACAGTGGGAATCCT
 GGACATGGGAGGAGCCTCTCTCCAAATTGCCTACGAAGTTCTACCTCAGCCTCCGACCTTCTCCCAAA
 CAGGAAGAAGCTGCCAAGATCCTGCTGGCCGAGTTCAACCTGGGCTGTGACGTGCAGCACACGGAGCAGC
 TGTACAGGGTTTATGTCACCACCTTCTGGGCTTTGGGGCAACTTTGCCCGCAGCGCTATGAAGATCT
 CGTGTGAATGAAACGCTTAACAAAAACAGACTGCTGGCCAGAAGACAGGCCTGAGTCTGACAATCCC
 TTTCTGGACCCCTGCCTGCCTGTGGGACTCACAGATATGGTGAAGAGGAACAACCAGGTCTTCACTTCC
 GAGGAAAGGGAGACTGGGCCAGTTGTCGGACATTGCTGAGCCCCCTGCTGGCCCGCTCCAACACCGCCA
 GGCTCACTGAACGGTATTTACCAGTCTCCAATCGACTTCAACAACAGCGAGTTCTATGGCTTCTCAGAG
 TTCTTCTACTGCACCGAAGATGTGCTGCGCATCGGTGGCCACTACCACGGGCCACATTTGCCAAGGCTG
 CTCAGGATTACTGTGGCATGGCGTGGCCGGTGTAGCCCAGAGATTCAAGAACGGCCTCTTTTCTTCA
 CGCAGACGAGCATCGACTCAAGTATCAGTGTTTTAAGTCCGCTTGGATGTACGAAGTCTGCACGAGGGG
 TTCCACTTCCCCTACGACTACCCAAACCTGCAGACAGCGCAGCTGGTGTATGACCAGAGGTGCAGTGGA
 CGCTGGGAGCAATTCTGTATAAAACCCGATTCTGCCTCTCAGGGACCTTCGGCAGGACAGGGAGGAGT
 CCGGCCAGCCACGGCAGCTGGCTCCGCTTTCCTTTGTCTACAACCACTATCTCTTCTTGTGTACC
 CTGGTGGTCTTCTGGCCATCGTCTGTACCTTCTGCGCATCCACAGAATTCACCGCAGACAACCCGAG
 CCTCGGCTCTCTGGACCTGCTGTGGATCGAGCAAGTGGTGCCGATGATTGGGGTCCAGGTGGGGCCGTG
 A

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_053103

Insert Size: 1821 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:

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_053103.5](#), [NP_444333.3](#)

RefSeq Size: 6050 bp

RefSeq ORF: 1821 bp

Locus ID: 93685

UniProt ID: [Q3TCT4](#)

Cytogenetics: 19 C3

Gene Summary: Preferentially hydrolyzes nucleoside 5'-triphosphates. The order of activity with respect to possible substrates is UTP > GTP > CTP (By similarity).[UniProtKB/Swiss-Prot Function]