

Product datasheet for **RN208582**

Lat2 (NM_173840) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Lat2 (NM_173840) Rat Untagged Clone
Tag: Tag Free
Symbol: Lat2
Synonyms: Ntal; Wbscr5
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN208582 representing NM_173840
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAATGCCGAGTTGGAGCTGCTGTGGCCACTGTCAGGACTGTTGCTGCTGCTCTTGGGGACCACAG
 CTTGGCTGTGTCCAGTCTCCGCCAGGGTGAAGAGAAATGAGAAAATCTACGAGCAGAGGAACCA
 GCAAGAAAATGAACAGAGCGTAGCCTCATCTCAGACGTAATCCCTGGCCAGGCCGGTGGCAGAGGACTC
 CAGATGGACGCAGCCTCAAACAAGTCATTTGAGAGGAAGAACAAGCTGCTTTTCTCCACCTGGAGGGTC
 CTGAGTCCCTTAGTACCAGAATTCTACAAAGGAAGCAGACGGGAGTCTGATGCTGCCTATGTAGATCC
 CATCCCCACAGACTACTACAAGTGGGATGTTTCCAGAAGCCCCAGAAGACAATGATTCCTCACTCTAC
 GAGAATGTGCTCATCTGCAAGCCAGCAGCCCCGAGTCAAGTACTGAGGAATCCGAGGATTACCAGAAT
 CGGTATCCATCCTTCAGTGGCGAGAATCCAAGAGGACTATGGGTGCACGCACGTCCCATCAGGAAGCCC
 AGACGAGGAGCCAGATTACGTGAATGGGGATGTGGCCACGACGGAGAAAATCTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_173840
Insert Size: 615 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).



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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_173840.1</u> , <u>NP_776212.1</u>
RefSeq Size:	615 bp
RefSeq ORF:	615 bp
Locus ID:	317676
UniProt ID:	<u>Q8CGL2</u>
Cytogenetics:	12q12
Gene Summary:	human homolog maps to the microdeletion region in Williams syndrome and may act as an adaptor for non T-cell immune response [RGD, Feb 2006]