

Product datasheet for **RR209770**

Lap3 (NM_001011910) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Lap3 (NM_001011910) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Lap3
Synonyms:	LAP-3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>RR209770 representing NM_001011910
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGTACTTGTGCCTCTCCGGCAGCCGCGGAGTCGCGCTCCGCAGGCTGGGAGTGAGAGTCTCTGGG
 ATCGGGGTCTGTCCACCGCAGACATGACGAAGGCCTTGTTTTAGGAATTTATCCAAAGACAAAGATGA
 TGACGTACCACAGTTTACAAGTGCAAGGAGAGAATTTTAATAAGTTGGTGTCTGGAAGGCTGAGGAAATG
 TTGAACATATCGGGACCTCCTCTCAAGGCAGGCAAAACCCGAACCTTCTATGGTCTGCATCAGGACTTCC
 CCAGCGTGGTGGTTGTCGGCCTTGGCAAGAGATCGGCTGGTGTGATGACCAGGAAAACCTGGCACGAAGG
 CAAGGAGAACATCCGAGCTGCTGTTGCAGCGGGATGCAGGCAGGTCCAAGACCTGGAGCTGCCGTCGGTG
 GAGGTGGATCCCTGTGGAGATGCTCAGGCTGCTGCGGAAGGAGCTGTGCTTGGCCTCTACGAGTATGATG
 ACCTAAAGCAGAAAAAGAAGGTGGCTGTGTCGGCAAGCTCCATGGAAGTGGTACCTCGAGGCCTGGGA
 GAAAGGGTCTCTTTGCTTCTGGGCAGAACTTGGCCCGCAGCTGATGGAGTCTCCAGCCAATGAAATG
 ACACCAACCAGATTTGCCGAAGTTATTGAAAAAATCTCAAAAGTGCCAGTAGTAAAACCGAGGTCCATA
 TCAGAACCAAATCCTGGATAGAGGAACAAGAAATGGGTTCAATCCTAAGTGTAGCCAAGGGTCTGAAGA
 ACCACCACTTCTTGGAAATCCACTATACTGGCAGCCCCAATGCAACTGAAGCACCCCTGGTGTGTTGTG
 GGAAAGGGCATTACCTTTGACAGCGGAGGTATCTCCATCAAGGCTTCTGCAAATATGGACCTCATGAGGG
 CTGACATGGGAGGAGCAGCAACAATATGCTCGGCCATTGTGTCTGCAGCAAAGCTCAATCTGCCCATTA
 TATCATAGGTTTGGCCCTCTTTGTGAAAAATGCCTAGCGGCAAGGCCAACAAACCAGGGGATGTTGTC
 AGAGCCAGGAATGGGAAGACTATCCAGGTCGACAACACTGATGCCGAGGGCAGGCTCATCTGCCGACG
 CACTCTGCTATGCACACACCTTCAATCCCAAGTTCATCATCAATGCTGCCACTTTAACAGTGGCCTGGA
 CGTAGCCCTGGGATCAGGTGCCACTGGAGTCTTTACCAATTCATCCTGGCTGTGGAACAACACTATTTGAG
 GCCAGTGTAGAAACTGGGACCGAGTCTGGAGGATGCCCTCTTTGAGCATTATACAAGCAAGTCATAG
 ATTGCCAACTTGCTGATGTGAACAATCTTGGAAAATACAGATCTGCAGGTGCGTGACAGCTGCGGCATT
 CCTGCGAGAGTTTGTGACTCATACAAAGTGGGCACATTTAGACATAGCCGGTGTGATGACCAACAAGGAC
 GAGATTCCTATCTGCGGAAGGGAATGAGTGGGAGACCCACAAGGACTCTGATTGAGTCTTACTTCGCT
 TCAGCAAAGACAGTTCT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RR209770 representing NM_001011910
 Red=Cloning site Green=Tags(s)

MYLLPLPAAARVALRRLGVRGLWDRGLSTADMTKGLVLGIYSKDKDDVPQFTSAGENFNKLVSGRLREM
 LNISGPPLKAGKTRTFYGLHQDFPSVVVVLGKRSAGVDDQENWHEGKENIRAAVAAGCRVQDLELPSV
 EVDPCGDAQAAAEGAVLGLYEYDDLKQKKVAVSAKLHSGDLEAWEKGVLFASGQNLARQLMESPANEM
 TPTRFAEIVIEKNLKSASSKTEVHIRTKSWIEEQEMGSFLSVAKGSEPPVFLEIHYTGSPNATEAPLVFV
 GKGITFDSSGGISIKASANMDLMRADMGAATICS AIVSAAKLNLPINIIGLAPLCENMPSGKANKPGDVV
 RARNGKTIQVDNTDAEGRLLADALCYAHTFNPKVIINAATLTGAMDVALGSGATGVFTNSSWLWNKLF
 ASVETGDRVWRMPLFEHYTRQVIDCQLADVNNLGYRSAGACTAAAFREFVTHTKWAHLDIAGVMTNKD
 EIPYLRKGMGRPRTLIEFLLRF SKDSS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

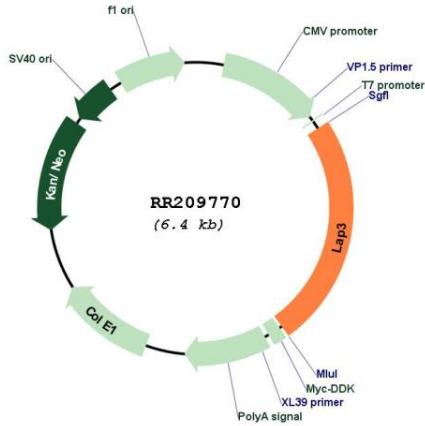
Sgfl-MluI

Cytogenetics: 14q11

MW: 56.2 kDa

Gene Summary: Presumably involved in the processing and regular turnover of intracellular proteins. Catalyzes the removal of unsubstituted N-terminal amino acids from various peptides (By similarity).[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RR209770