

Product datasheet for MC212795

Stradb (NM_172656) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Stradb (NM_172656) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Stradb
Synonyms:	AA792893; Als2cr2; B830008M19; D1Ucla2; ILPIP; ILPIPA; Papk; PRO1038; Syradb
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC212795 representing NM_172656 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTCTCTTTGGATTGTTTCTGTGCTTCAGAACACGAGTCGAATCACTCAGACCCGAAAAACAGTCTG
AAACCAGTATCCATCAGTACTTGGTTGATGAGTCAGCCATTTCCCGCCCCCTCCGTCTGCTAGAGCCAG
TGAGGTGATCTGCTCCACTGACGTGTCTACTATGAACTGCAAGTGAGATAGGAAGAGGGTTTGACAAC
TTGACCTCTGTTTCATCTTGCACGGCACACTCCTACAGGAACACTGGTAACTGTAAAGATTACAAACCTGG
AAAGCTGCACTGAAGAAGCTCTGAAAGCTTACAGAGAGCAGTGATTCTATCTCACTTTTTCCAACATCC
CAATATTACAACCTATTGGACAGTGTCTACTGTTGGCAGCTGGCTTTGGGTTATTTCTCCATTTATGGCC
TACGGTTCAGCAAGTCAGCTCCTAAGGACCTACTTTCCTGATGGAATGAGTGAGACTTTAATAAGAAACA
TTCTCTTTGGAGCAGTACAAGGGTTGAACTATCTGCACCAAAATGGCTGTATCCATAGGAGTTTTAAGC
CAGCCATATCCTCATTCTGGTGTGGCCTGGTGACCCTCTGGCCTGTCCCACCTGCATAGTTTGCTT
AAGCACGGACAAAGGCATAGGGCTGTGTTGATTTCCACAGTTCAGCACATCAGTGCAGCCGTGGCTGA
GTCCAGAACTACTGAGACAGGATTTACATGGATATAATGTGAAGTCAGATATTTACAGTGTGGGATCAC
AGCCTGTGAATTGGCCAGCGGCAGGTACCTTTCCAGGACATGCATAGGACTCAGATGCTATTACAGAAA
CTGAAAGGTCCTCCGTATAGCCACTGGATGTCTAGTATTTTTCTCAGTCAGACTCTAGAATGAGAAAT
CCCAGTCAGGAGTAGACTCTGGGATTGGAGAGAGTGTGCTTGTCTCCACTGGAACCTCACACAGTCAATAG
TGACCGGCTCCATACGCCATCCACAAAGACGTTCTCTCTGCCTTTTTAGCTTGGTGCAGCTGTGTTTTG
CAGCAAGATCCTGAGAAAAGCCATCAGCAAGCAGTTTGTGTCCATGTATTCTCAAGCAGATGAAAAG
AAGAAAGCCAGGATTCATACTTCCCCTGTTGCCACCTGCTTAAACAGGCCATCAGCGTCACTGCAGCC
AGTGTCCGGTGGAGCGAGCTGGAATTCAGTTTCTGATGACAAAGACCCAGTGTGGGAATTC**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_172656
Insert Size:	1257 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:	NM_172656.5 , NP_766244.4
RefSeq Size:	2338 bp
RefSeq ORF:	1257 bp
Locus ID:	227154
UniProt ID:	Q8K4T3
Cytogenetics:	1 29.2 cM
Gene Summary:	Pseudokinase which, in complex with CAB39/MO25 (CAB39/MO25alpha or CAB39L/MO25beta), binds to and activates STK11/LKB1. Adopts a closed conformation typical of active protein kinases and binds STK11/LKB1 as a pseudosubstrate, promoting conformational change of STK11/LKB1 in an active conformation (By similarity). [UniProtKB/Swiss-Prot Function]