



Reference: PTXBC003576

Product type:	DNA	Storage Condition:	-20°C
Size/Quantity:	2 ug	Delivery Condition:	+4°C, Blue Ice
Synonyms	BDPLT15; alpha-actinin-1; F-actin cross-linking protein; actinin 1 smooth muscle; alpha-actinin cytoskeletal isoform; non-muscle alpha-actinin-1; actinin alpha 1		

For research use only.

GENE DESCRIPTION	actinin, alpha 1
GENE ID	87
ORIGIN SPECIES	Human
ACCESSIONS	BC003576
VECTOR	pDONR223
NCBI SYMBOL	ACTN1
LENGTH	ProteoGenix bp
SEQUENCE PRIMERS	Forward primer M13R (5'→3'): GTAAAACGACGGCCAGT Reverse primer T7P (5'→3'): TAATACGACTCACTATAGG

atggaccattatgattctcagcaaaccaacgattatcagcagccagaagaggacttggaccgggaacctgctctggaccggcgctgggagaagcagcagagaagaacattcacggcatggtgttaactcccacctccggaaaggcggggacacagatcgagaacatcgaaaggacttc
cgggagtcgctgaagcttgcctgctgctgagctcatctcagctcagcgaagcttggccacagctggagcagagatgagagtcgacaagatctccacatgctggacagagcccgctgattatccacaaagctgcgaactgctgctcatcgccagcggaagaatctggtgatggga
atgtgaagatgaactccggcatgatctgcacatcatctgcgtgttccatctggcctctgggaagagatctcagcaaggagggctctgttcgtgttcagagaagaagcccttcacaaagcttcaacatcaggaacttcacataagcttgaagagctggcctggcttc
tgtctttgatccaccgacaccggcccgctgattgactacgggaagctgcggaaagatgatccactcaaaactgaaatcggcttttgactgtgacagagaagttactctggacatcccaagatgctgtagtcggaagacatctgttggaaatgcccgaccgggatgagaagccatcatg
acttactgtgtactgtctacacgccttctgctgagccgagaagcggagacagccaactcgaatctgcaatctgttggccgtctcaacagcagacgagatcttgaagactacgagaagctggccagttgctgttggagtgatccgcgcacaatccctgtgctgggaa
ccgggtgctggagcaacatcatgctccatgcagcaagaagctggaggactctggcgatccggctgcgaacggccccaagctgcagagaagctggcagctggagatcaactcaacacgtgcagacaagctcgggctcgacacccgctctcatctgcctctgagg
cgagctgtgtctggcagatcaacaatctgcctggctcctgctggatggaggagctgttggctgaatgatctcggagctcggaagcagctgacacccattggcagagaagtttccgcagaagctccatcacgacgcttgatgagctggcggaagccgat
ctgtgcagacaaggactatgagacgccaccctcctgcgatcaaggccctctcgaagaagatcaggcttcgagatgactctgctgccaccagaccgtgtgacgagatgtgcgcctatgcagacagagctcaatgagctgactattgactaccagctgtcaacgccctt
gccaaaagatctgtaccagttgggacaatctggggccgaactcagaagcgaagggaagctctggagcggaccgagaagatctgtggagacattgacacagcttctgagatgccaagggctctgagatgccaagggctcgacccttcaacatctgtagggggccatggaggac
actctcatgtgcagacattgaggatgactcaggagatcgacacaccctatgacagcttcaaggccaccctctctgctgcgaagacatggcctgccaatctgggcatctggaatgttccaagatgttccagatgttccagatctacacatcgaaatccctacacaa
catcaccccttcagagatctgccaatggggacccacacgtctgcctgcgagctgctgcctgcagacgaagctctgctgcagggacgatggccgcagacgacaatgagagctgcagcaagctgttggagccggccgaatctcatctgcggccctgagtcagacaagaatgtgaggag
atcgggagtgatctcattgagatgactggccacctggaggacagctgcacacctctgcctgattgagaagagagctctcaactacaagccaaagattgatcagctgcagggcagaccacgctatccaggagcgctcatctgcacaacacacacacactacatggag
catcacctctgttggctgggagcagctgctcacacacctcaggagacacatgaatgaggtagaacacatctgaccggatgcaagatgagttccgggctctcttcaacacctttagccgggatcatctccggacactccggcttcccgaggttccgcgaggt
tcaagcctgctcatcagctctgggttatatgtgtgcaacgaccgccagggaagcagaatttgcgcgatctgagcattgtgaccccaaccctgggggtgtagtaccatttcagctcttcattgacttattgtccgcgagacagcgacagatcacgacagaagctcatggc
ttctcttaagatctctggctggggacaagaactacattacatgacgagctgcgcccgagctgcaccccgaccagcggctgagtactgctcgcgggagctgccccctacacgctgccccgactctcgtgcacatgctctctccacggctgctgctgagctgcgagatg
acctctaa