

Product datasheet for RC212864

alpha 1 Spectrin (SPTA1) (NM_003126) Human Tagged ORF Clone

Product data:

| | |
|---------------------------|---|
| Product Type: | Expression Plasmids |
| Product Name: | alpha 1 Spectrin (SPTA1) (NM_003126) Human Tagged ORF Clone |
| Tag: | Myc-DDK |
| Symbol: | alpha 1 Spectrin |
| Synonyms: | EL2; HPP; HS3; SPH3; SPTA |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |
| ORF Nucleotide Sequence: | >RC212864 representing NM_003126 Red=Cloning site Blue=ORF Green=Tags(s) |

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAGCAATTTCCAAAGGAAACCGTTGTGGAGAGCAGTGGGCCAAAGTTTTGGAACAGCAGAAGAGA
TCCAGGAGAGGCGTCAGGAAGTGTGACTCGGTATCAAAGTTTCAAGGAGCGGTTGCTGAGAGGGGTCA
GAAGCTTGAGGATTCCTATCACTACAAGTTTTCAAGCGAGATGCAGATGATCTGGGAAGTGGATCATG
GAGAAAGTCAATATCTTAACCGATAAGAGCTATGAAGACCAACTAATATACAGGGGAAATATCAGAAGC
ATCAATCCCTTGAAGCAGAGGTGCAAACGAAATCAAGACTCATGTCTGAACTGGAAAAACAAGGAAGA
ACGATTTACCATGGGTCACTCTGCCACGAAGAAACGAAGGCCCATATAGAGGAGCTACGCCACCTGTGG
GACCTGCTGTTAGAGCTGACCCTGGAGAAGGGTGACCAAGTTGCTGCGGGCCCTGAAGTCCAGCAGTATG
TACAGGAGTGTGCTGACATCTTAGAGTGGATTGGAGACAAGGAGGCTATAGCGACATCAGTGGAGCTAGG
TGAAGACTGGGAGCGCACCGAAGTTCTGCATAAGAAATTTGAAGACTTCCAAGTGGAGCTGGTAGCTAAA
GAAGGGAGAGTTGTTGAAGTGAACCAATATGCCAATGAGTGTGCCGAGGAAAACCATCCTGACCTACCT
TAATTCAGTCTAAGCAAATGAGGTGAATGCTGCCTGGGAGCGCCTTCGTGGTTGGCTCTCCAGAGACA
GAAAGCTCTGTCCAATGCTGCAAACCTTACAACGATTCAAAGGGATGTGACTGAAGCCATCCAGTGGATC
AAGGAAAGGAACCTGTACTCACCTCTGAGGACTATGGCAAAGACCTTGTGCCTCTGAAGGACTGTTTC
ACAGCCACAAGGACTTGAGAGAAATCTTGCAAGTCAAGTGTGACCAAGGTGAAGGAGTTATGTGCTAAAGC
AGAGAAGCTGACACTTTCCCATCCTTCAGATGCACCTCAGATCCAGGAGATGAAAGAAGATCTGGTCTCC
AGCTGGGAGCATATTCGTGCCCTGGCCACCAGCAGATATGAAAACTGCAGGCTACTTATTGGTACCATC
GATTTTCATCTGACTTTGATGAACTCTCAGGCTGGATGAACGAGAAGACTGCTGCGATCAATGCTGATGA
GCTGCCAACAGATGTGGCTGGTGGAGAAGTTCTGCTGGACAGGCATCAGCAGCATAAGCATGAGATTGAC
TCTTACGATGACCGATTTCAATCTGCTGATGAGACTGGTCAAGACCTCGTGAATGCCAATCATGAAGCCT
CTGATGAAGTTCCGGAAAAGATGAAACTTGTGACAACAAGTGGACTGCCCTGCTGGAAGTGTGGGACGA
CGTTCATCGTCAGTATGAGCAGTCTTGGACTTTCATCTCTTCTACAGAGACAGTGAAGCAAGTGGACAGT



[View online »](#)

TGGATGAGTAGACAAGAGGCCTTCTGGAAAACGAGGATCTGGGAACTCACTGGGCAGTGCAGAAGCCC
 TTCTTCAGAAGCATGAAGACTTTGAGGAAGCCTTACTGCCAGGAAGAGAAGATCATAACTGTAGACAA
 GACTGCAACCAAATTGATTGGTGATGACCATTATGATTAGAGAACATCAAGGCTATCCGTGACGGCCTG
 TTAGCCCGGGGGGATGCCCTACGTGAAAAGGCTGCCACTAGACGTAGATTGCTGAAGGAGTCATTGCTTC
 TGCAAAAACGTGTATGAGGACTCAGATGACCTAAAGAACTGGATCAACAAGAAGAAAAAGTTGGCAGATGA
 TGAAGATTACAAGGACATACAGAACTTGAAGAGCAGGGTTCAAAGCAGCAAGCTTTTAAAAGGAGTTG
 GCAGTTAATAAGACCCAGCTGGAAAACATACAGAAAACCTGGCCAAGAGATGATTGGGTGGTCACTATG
 CCTCTGACAATGTGACCACTCGTCTGAGTGAAGTTGCCAGCCTCTGGGAGGAGTTGCTGGAGGCTACAAA
 ACAGAAAGGGACCCAGTTGCATGAGGCCAACAGCAGCTGCAATTTGAAAATAATGCAGAAGATTTGCAG
 CGCTGGCTGGAGGATGTTGAGTGCCAAGTCACTCTGAGGATTATGGGAAAGGCCTGGCCGAGGTACAGA
 ATCGACTCAGGAAACACGGCCTCTGGAGTCGGCTGTGGCTGCTCGTCAGGATCAGGTGGATATCCTTAC
 AGACCTGGCTGCATATTTTGAAGAAATAGGCCATCCTGATTCTAAGGATATAAGGGCAAGGCAAGAGTCC
 TTGGTATGCCGATTTGAAGCTCTGAAAGAGCCACTGGCCACCCGAAAGAAGAAGCTTTAGACCTTCTCC
 ATCTGCAGCTGATTTGTAGAGACACAGAGGATGAGGAGGCTGGATCCAAGAGACTGAACCTCAGCTAC
 TTCCACCTACCTTGGAAAGGACCTGATTGCTTCCAAAAGCTTCTGAATAGGCATAGAGTCATCCTGGAG
 AACATTGCCAGCCATGAACCACGCATTCAGAGATAACAGAAAGGGGAAACAAAATGGTAGAGGAAGGAC
 ACTTTGCTGCAGAAGATGTGGCCTCTAGGGTCAAGAGTTTGAACCAGAATATGGAGTCTCTCCGTGCTCG
 AGCTGCTAGGCGACAAAATGATCTTGAAGCCAATGTCCAGTTCACAGCAGTACCTGGCTGACCTGCATGAA
 GCAGAAACATGGATCAGAGAGAAGGAACCTATTGTAGATAATACTAACTATGGTGTGATGAAGAAGCAG
 CTGGGGCTCTTCTAAAGAAGCATGAGGCCCTTCTATTAGATCTCAATTCATTTGGAGACAGTATGAAAGC
 TCTGCGGAATCAGGCAACCGCTGCCAGCAACAACAGGCTGCACCAGTGGAGGGAGTTGCTGGAGAACAA
 AGGGTCATGGCTTTATATGACTTCCAGGCCCGCAGCCCCGAGAAGTACCATGAAGAAGGTGATGTCT
 TAACGTGCTCAGTTCATCAATAAGGACTGGTGAAGTGGAAAGTGGAAAGTGCATCAGGCAATGTGCC
 AGCTGTCTATGTGAGAAGACTGGCCACGATGAGTTCCCGATGCTCCACAGCGGCGAGAGAAGGCCA
 GGAAACATCACCCAGCGCCAGGAGCAGATTGAGAACCAATACCGCTCCCTCTTGGATCGGGCAGAAGAAC
 GCAGAGCTCGTCTATTGCAACGTTATAATGAATTTTTATTGGCCTATGAGGCAGGAGACATGCTGGAATG
 GATTCAAGAGAAAAAGGCAGAAAACACTGGAGTGGAACTAGATGATGTTTGGGAGCTGCAGAAAAAGTTT
 GATGAGTTCAAAAGGATTTGAATACCAATGAGCCTCGGCTAAGGGATATCAACAAGGTAGCTGATGATC
 TACTATTTGAAGGACTTCTAACACCAGAAGGAGCTCAAATCCGGCAGGAATTGAATGCCCGCTGGGGTTC
 TTTGCAGAGGCTTGCAGATGAACAGCGCAGCTGCTGGGCAGTGCCCATGCTGTTGAAGTGTTCACAGA
 GAAGCAGATGACACGAAGGAGCAGATTGAGAAGAAATGCCAGGCCCTCAGTGTGCAGACCTGGCTCAG
 ATCTGTTCAAGTTCAGGCTCTTCAAGCAGCGCATGAGGGCTTTGAAAGGACCTCGTACCCTGGGAGA
 TAAGGTGACCATACTGGGGGAGACAGCAGAGCGGCTCAGTGAAGTCCCATCCAGATGCCACTGAGGACCTG
 CAGAGACAGAAAAAGGAGCTGAATGAGGCCTGGGAAAGCCTGCAGGGGCGTACAAAAGGATCGTAAGGAGA
 GCCTAAATGAGGCCAGAAAATTTACCTGTTTCTCAGCAAGGCCAGGGATCTGCAGAACTGGATCAGTAG
 CATTGGTGGCATGGTATCATCACAGGAGCTGGCCGAAGACTTAACTGGCATAGAGATCTTGTGGAGAGA
 CATCAGGAGCACCGTGTGACATGGAGGCGAGAGCTCCACCTTCCAGGCCTTAGAGGACTTCAGTGCAG
 AACTTATCGACAGTGGCACCATGCTAGCCCTGAAATTTGAAAAAAGCTTCAAGCTGTCAAGCTAGAGAG
 AGATGATTTGGAGAAGGCTTGGGAAAAACGCAAGAAGATCCTAGACCAGTGCCTGGAGTTGCAGATGTTT
 CAGGGGAACTGTGATCAAGTTGAGAGCCGGATGGTGGCAGTGAGAATTCCTGAGGTGAGATGACAAAA
 GTTCCTTAGACAGTCTGGAGCTTTGATGAAGAAACGGGACGATTTGGACAAAGCAATCACTGCCAGGA
 AGGGAAGATCACTGACCTAGAACATTTTGTGAGAGCCTCATTGCTGATGAACACTATGCCAAAAGAAGAG
 ATTGCTACGCGGCTCCAACGTGTACTAGACAGGTGGAAGGCTCTCAAAGCACAACGATTGATGAGCGGA
 CAAAGCTTGGAGACTATGCCAACCTAAAACAATTCTACCGAGACCTTGGAGGCTGGAAGAATGGATCAG
 TGAGATGCTGCCACAGCCTGTGATGAATCCTACAAAGACGCCACTAACATTAGAGGAAATACCTGAAA
 CACCAGACCTTTGCACATGAAGTCGATGGCCGATCTGAGCAGGTGCATGGCGTCATCAACCTGGGAACT
 CCCTGATTGAGCGTAGTTGTGATGGCAATGAAGAGGCCATGAAGGAGCAACTGGAACAGCTGAAGGAACA
 TTGGGATCATCTGCTTGGAGAAACAAATGACAAAGGGAAGAAGCTCAATGAGGCCAGTCTCAACAGAGG
 TTCAACACAAGCATCCGGGACTTTGAGTTCTGGCTCTCAGAGGCAGAGACATTGCTGGCCATGAAAGATC
 AGGCCAGGACTTGGCTTTCAGCAGGAAACCTACTCAAGAAGCATCAGCTATTGGAGAGAGAGATGTTGGC
 TCGAGAGGATGCACTCAAGGACCTGAATACATTGGCTGAAGATTTGCTCTCCAGCGGGACTTTCAACGTT
 GATCAGATTGTGAAGAAAAAGATAATGTCAACAAGCGTTTCTGAAATGTCCAAGAATTGGCAGCTGCAC

ACCACGAAAAATTGAAAGAGGCCTATGCCTTGTTCCAGTCTTCCAGGATCTAGATGATGAGGAATCCTG
GATAGAGGAGAAGTTGATACGAGTGAGCTCCCAGGACTATGGGAGAGATCTTCAGGGGGTTCAGAACTTG
CTGAAGAAGCACAAACGCCTAGAGGGGGAGCTGGTGGCCCATGAGCCTGCCATCCAGAATGTGCTGGATA
TGGCAGAGAAGCTGAAAGACAAGGCTGCTGTGGGGCAAGAGGAGATCCAGTTGCGGCTGGCTCAGTTTGT
TGAACACTGGGAGAAGCTCAAAGAGTTGGCCAAGGCCGAGGACTTAAGTTGGAAGAATCCCTAGAATAC
TTGCAATTCATGCAGAATGCTGAGGAAGAGGAAGCTTGGATCAATGAAAAGAATGCTTTGGCTGTCCGAG
GAGATTGTGGAGATACATTAGCTGCTACTCAGAGCTTGTAAATGAAGCATGAAGCTTTGGAAAATGACTT
TGCTGTCCATGAGACCCGAGTACAAAATGTGTGTGCACAAGGAGAAGACATCCTAAATAAGGTGTTGCAT
GAGGAAAAGTCAGAACAAAGAGATTTCTTCCAAGATAGAGGCTCTGAATGAAAAGACCCCTTCTCTGGCTA
AGGCAATAGCTGCTTGAAGTTGCAATTGGAAGACGATTATGCCTTTCAGGAATCAACTGGAAGGCTGA
TGTGGTAGAGGCTTGGATAGCTGATAAGGAAACAAGCCTAAAGACCAATGGCAATGGTGCAGACCTTGGT
GACTTCTCACTCTTCTGGCAAAACAGGACACTCTGGATGCCAGTCTGCAGAGTTTCCAGCAAGAGAGAC
TTCCCAGATCACTGACCTGAAGACAACTGATTTCTGCTCAACACAACCAGTCTAAAGCCATTGAAGA
GCGTTATGCCGCTCTGCTGAAGCGCTGGGAACAGTTGCTGGAAGCCTCGGCAGTCCACAGACAGAAATTG
CTGGAGAAAACAGCTGCCTCTACAGAAGGCTGAGGACCTGTTTCGTGGAATTTGCACATAAGGCTTCAGCTT
TGAACAACTGGTGTGAAAAGATGGAAGAAAACCTGTCAGAGCCTGTGCACTGTGTCTCCCTGAATGAAAT
TCGGCAGCTGCAGAAAGACCATGAGGACTTCTTGGCCTCCCTGGCTAGGGCTCAAGCAGACTTTAAATGT
TTGCTGGAGCTAGACCAGCAGATTAAGGCCTTAGGTGTGCCTTCCAGCCCTTATACCTGGTTAACAGTGG
AGGTGCTGGAAAGGACCTGGAAGCACCTATCTGACATCATTGAGGAACGGGAGCAGGAGCTGCAAAAAGGA
AGAGGCAAGACAGGTCAAGAACCTTGGATGTGTGAGGAGTTTGAACAGAATGCCAGTACCTTCTTCAA
TGGATCCTGGAACCAGGGCTTACTTTCTGGATGGATCATTGCTCAAAGAACAGGAACTCTGGAATCTC
AGCTGGAAGCAAATAAAAGAAAACAGAAGGAGATCCAGGCGATGAAGCGTCAACTAACCAAGATTGTGGA
CCTGGGGGACAACCTTGAAGACGCTCTGATCCTTGATATCAAATACAGCACCATTGGATTGGCTCAGCAG
TGGGACCAGCTCTACCAGCTTGGGTTGCGGATGCAACACAACCTGGAGCAACAGATCCAGGCCAAGGACA
TCAAAGGTGTGAGTGAAGAGACTCTAAAGGAATTTAGCACAATCTATAAACACTTTGATGAGAAATTTGAC
AGGGCGCCTGACTCACAAGAGTTCGGTCTGCCTGAGAGGACTCAATTAATACTTGCCTGATGGTGGAG
GAGGATGAACATGAGCCCAAGTTTGAAGTTCCTGGATGCTGTGGATCCAGGGAGGAAGGGCTATGTCT
CACTGGAGGACTATACTGCTTTCCTGATTGACAAGGAGTCAGAAAACATCAAGTCCAGTGTGAAATAGA
GAATGCCTTCCAAGCCCTGGCAGAGGGCAAGTCATATATTACCAAAGAAGACATGAAGCAGGCCCTTACC
CCAGAGCAAGTGTCAATTCTGTGCCACACATATGCAGCAATATATGGACCCACGGGTGGAAGCCATCTCTC
TGGCTATGACTACGTTGGCTTACCAATTCCTACTTTGGCAACTAATAAGCAGCTCCTCGTGGATCGTAG
AAAATCT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

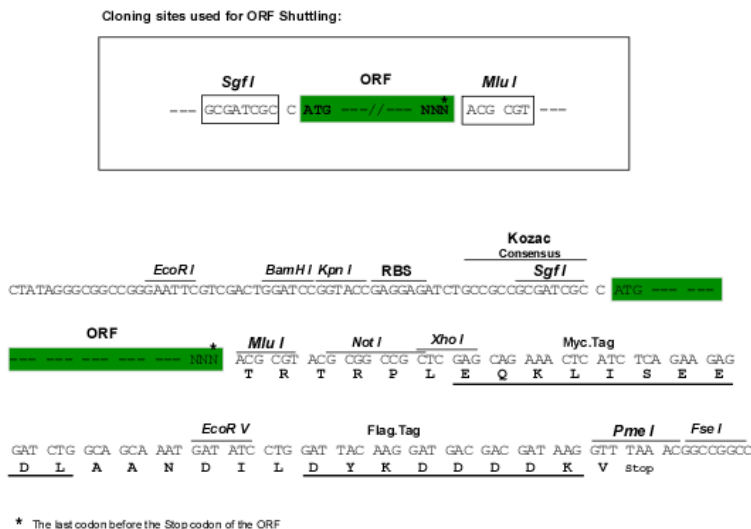
Protein Sequence: >RC212864 representing NM_003126
 Red=Cloning site Green=Tags(s)

MEQFPKETVVESSGPKVLETAEEIQERRQEVLTTRYQSFKERVERAERGQKLEDSYHLQVFKRDADDLKGWIM
 EKVNILTDKSYEDPTNIQGGYQKHQSLAEVQTKSRLMSELEKTRERFTMGHSAHEETKAHIEELRHLW
 DLLLELTLEKGDQLLRALKFQQYVQECADILEWIGDKEAIATSVELGEDWERTEVLHKKFEDFQVELVAK
 EGRVVEVNQYANECAEENHPDLPLIQSKQNEVNAAWERLGLALQRQKALSNAANLQRFKRDVTEAIQWI
 KEKEPVLTSEDYGKDLVASEGLFHSKGLERNLAVMSDKVKELCAKAEKLTLSHPSDAPQIQEMKEDLVS
 SWEHIRALATSRYEKLQATYWYHRFSSDFDELSGWMNEKTAAINADELPTDVAGGEVLLDRHQHKEID
 SYDDRFQSADETGQDLVNANHEASDEVREKMEILDNNWTTALLELWDERHRQYEQCLDFHLFYRDSEQVDS
 WMSRQEAFLNEDLGNLSGSAEALLQKHEDFEEAFTAQEEKIITVDKTATKLGDDHYDSENIAKIRDGL
 LARRDALREKAATRRRLKESLLLQKLYEDSDDLKNWINKKKLADDEDYKDIQNLKSRVQKQVFEKEL
 AVNKTQLENIQKTGOEMIEGGHYASDNVTTRLSEVASLWEELEATKQKGTQLHEANQQLQFENNAEDLQ
 RWLEDVEVQVTSSEYDYGKLAEVQNRRLRKHGLLESAAVAAQDQVDILTDLAAYFEEIGHPSDKDIRARQES
 LVCRFEALKEPLATRRKKLLDLLHLQLICRDEDEEAWIQETEPSATSTYLGKDLIASKLLNRHRVILE
 NIASHEPRIQEITERGNKMVEEGHFAAEDVASRVKSLNQNMESLRARAARRQNDLEANVQFQYQLADLHE
 AETWIREKEPIVDNTNYGADEEAAGALLKKHEAFLDLLNSFGDSMKALRNQANACQQQAAPVEGVAGEQ
 RVMALYDFQARSPREVTMKKGDVLTLLSSINKDWWKVEADHQGIVPAVYVRRLAHDEFMPLPQRRREEP
 GNITQRQEQIENQYRSLLDRAEERRRLLQRYNEFLAYEAGDMLWEIQEKAENTGVELDDVWELQKFK
 DEFQKDLNTNEPRLRDINKVADDLLFEGLLTPEGAQIRQELNARWGLSRLADEQRQLLSGAHAVEVFHR
 EADDTKEQIEKKCQALSAADPGSDLFVSQALQRRHEGFERDLVPLGDKVTILGETAERLSESHPDATEDL
 QRQKMELENAEWDLQGRTKDRKESLNEAQKFFLFLSKARDLQNWISSIGGMVSSQELAEDLTGIEILLER
 HQEHRADMEAEAPTFQALEDFSAELIDSGHHASPEIEKKLQAVKLERDDLEKAWEKRRKILDQCLELQMF
 QGNCDQVESRMVARENSLRSDDKSSLDSEALMKKRDDLDAITAQEGKITDLEHFAESLIADEHYAKEE
 IATRLQRVLDWRKALKKAQLIDERTKLGDYANLKQFYRDLEELIWIEMSEMLPTACDESYPKATNIQRKYLK
 HQTFAHEVDGRSEQVHGVINLGNLSIERSCDGNEEAMKEQLEQLKEHWDHLLERTNDKGGKLNESRQQR
 FNTSIRDFFFWLSEAETLLAMKDQARDLASAGNLLKKHQLLEREMLAREDALKDLNLAEDLLSSGTFNV
 DQIVKKNKDNVNRFLNVQELAAAHHEKLEAYALFQFFQDLDEESWIEEKLIRVSSQDYGRDLQGVQNL
 LKHKHRELEGLVAHEPAIQNVLDMAEKLKDKAAVGQEEIQLRLAQFVEHWEKLELAKARGLKLEESLEY
 LQFMQNAEEEEAWINEKNALAVRGDCGDTLAATQSLLMKHEALENDFAVHETRVQNVCAQGEDILNKVLH
 EESQNKIESSKIEALNEKTPSLAKAIAAWKLEDDYAFQEFNWKADVVEAWIADKETSLKTNGGADLG
 DFLTLLAKQDLDASLQSFQERLPEITDLKDKLISAQHNQSKAIEERYAALLKRWEQLLEASAVHRQKL
 LEKQLPLQKAEDLFVEFAHKASALNNWCEKMEENLSEPVHCVSLNEIRLQKQDHEDFLASLARAQADFCK
 LLELDQKIKALGVPSSPYTWLTVLERTWKHLSDIIEEREQELQKEEARQVKNFEMCQEFQNASTFLQ
 WILETRAYFLDGSLLKETGTLESQLEANKRKQKEIQAMKRQLTKIVDLGDNLEDALILDIKYSTIGLAQQ
 WDQLYQLGLRMQHNLQEQIQAKDIKGVSEETLKEFSTIYKHFDENLTGRLTHKEFRSCLRGLNYYLPMVE
 EDEHEPKFEKFLDAVDPGRKGYVSLDYTAFLIDKESENIKSSDEIENAFQALAEKSYITKEDMKQALT
 PEQVSCATHMQQYMDPRVEAISLAMTTLASPIPTLATNKQLLVDRRS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mk8023_c03.zip

Restriction Sites: Sgfl-Mlul

Cloning Scheme:


ACCN: NM_003126

ORF Size: 7287 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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_003126.1](#), [NP_003117.1](#)

RefSeq Size: 8001 bp

RefSeq ORF: 7260 bp

Locus ID: 6708

UniProt ID: [P02549](#)

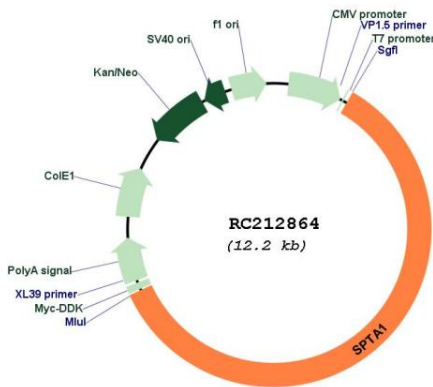
Cytogenetics: 1q23.1

Domains: SH3, spectrin, EFh

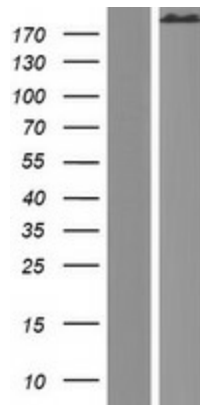
MW: 281.06 kDa

Gene Summary: This gene encodes a member of a family of molecular scaffold proteins that link the plasma membrane to the actin cytoskeleton and functions in the determination of cell shape, arrangement of transmembrane proteins, and organization of organelles. The encoded protein is primarily composed of 22 spectrin repeats which are involved in dimer formation. It forms a component of the erythrocyte plasma membrane. Mutations in this gene result in a variety of hereditary red blood cell disorders, including elliptocytosis-2, pyropoikilocytosis, and spherocytosis, type 3. [provided by RefSeq, Aug 2017]

Product images:



Circular map for RC212864



Western blot validation of overexpression lysate (Cat# [LY418881]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC212864 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).