

Product datasheet for RC213851

Destrin (DSTN) (NM_001011546) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Destrin (DSTN) (NM_001011546) Human Tagged ORF Clone
Tag: Myc-DDK
Symbol: Destrin
Synonyms: ACTDP; ADF; bA462D18.2; HEL32
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >RC213851 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCCTCAGGAGTGCAAGTAGCTGATGAAGTATGTCGCATTTTTATGACATGAAAGTTCGTAATGCT
 CCACACCAGAAGAAATCAAGAAAAGAAAGGCTGTCATTTTTGTCTCAGTGCAGACAAAAGTGCAT
 CATTGTAGAAGAAGGCAAAGAGATCTGGTTGGAGATGTTGGTGAACCATAACTGATCCTTTCAAGCAT
 TTTGTGGGAATGCTTCTGAAAAAGATTGTCGCTATGCTTTGTATGATGCAAGCTTTGAAACAAAAGAAAT
 CCAGAAAAGAAGAGTTGATGTTTTTTTTGTGGCACCAGAACTAGCACCTCTGAAAAGTAAAATGATCTA
 TGCAAGCTCCAAGGATGCAATAAAAAGAAATTTCAAGGCATAAACATGAATGTCAAGCAAATGGACCA
 GAAGATCTCAATCGGGCTTGTATTGCTGAAAAGTTAGGTGGATCCTTAATTGTAGCCTTTGAAGGATGCC
 CTGTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC213851 protein sequence
 Red=Cloning site Green=Tags(s)

MASGVQVADEVCRIFYDMKVRKSTPEEIKKRKKAVIFCLSADKKCIIVEEGKEILVGDVGVITIDPFKH
 FVGMLPEKDCRYALYDASFETKESRKEELMFLLWAPELAPLKSMMIYASSKDAIKKKFQGIKHECQANGP
 EDLNRACIAEKLGGSLIVAFEGCPV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

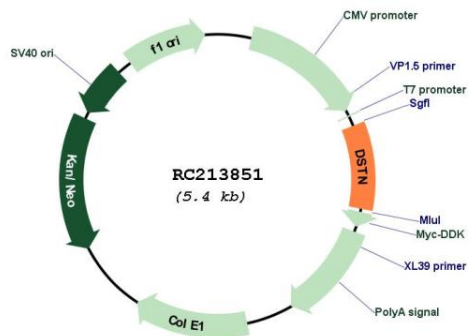
Restriction Sites: Sgfl-MluI



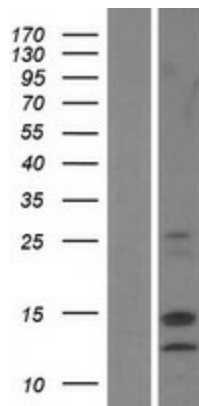
Gene Summary:

The product of this gene belongs to the actin-binding proteins ADF family. This family of proteins is responsible for enhancing the turnover rate of actin in vivo. This gene encodes the actin depolymerizing protein that severs actin filaments (F-actin) and binds to actin monomers (G-actin). Two transcript variants encoding distinct isoforms have been identified for this gene. [provided by RefSeq, Jul 2008]

Product images:



Circular map for RC213851



Western blot validation of overexpression lysate (Cat# [LY423272]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC213851 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).