

Product datasheet for **RC227595**

ECSIT (NM_001142465) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: ECSIT (NM_001142465) Human Tagged ORF Clone
Tag: Myc-DDK
Symbol: ECSIT
Synonyms: SITPEC
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >RC227595 representing NM_001142465
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAGCTGGGTCCAGGCCACCCTACTGGCCCGAGGCCTCTGTAGGGCCTGGGGAGGCACCTGCGGGGCCG
CCCTCACAGGAACCTCCATCTCTCAGGTTCTTTGCCAAAGACTCAACAGGTGCAGCAGATCCCCCCA
GCCCCACATCGTAGGAATCCAGAGTCCCGATCAGCAGGCCGCCCTGGCCCGCCACAATCCAGCCCGCCT
GTCTTTGTTGAGGGCCCCTTCTCCCTGTGGCTCCGCAACAAGTGTGTATTACCACATCCTCAGAGCTG
ACTTGCTGCCCCGGAGGAGAGGGAAGTGAAGAGACGCCGGAGGAGTGAACCTCTACTACCCGATGCA
GCTGGACCTGGAGTATGTGAGGAGTGGCTGGGACAACACGAGTTTGACATCAATGAAGTGGAGGAAGGC
CCTGTCTTCGCCATGTGCATGGCGGGTCTCATGACCAGGCGACGATGGCTAAGTGGATCCAGGGCCTGC
AGGAGACCAACCAACCCTGGCCAGATCCCCGTGGTCTTCCGCCTCGCCGGGTCCACCCGGGAGCTCCA
GACATCCTCTGCAGGGCTGGAGGAGCCGCCCTGCCCGAGGACCACCAGGAAGAAGACGACAACCTGCAG
CGACAGCAGCAGGGCCAGAGC

ACGCGTACGCGGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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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_001142465.3](#)

RefSeq ORF: 654 bp

Locus ID: 51295

UniProt ID: [Q9BQ95](#)

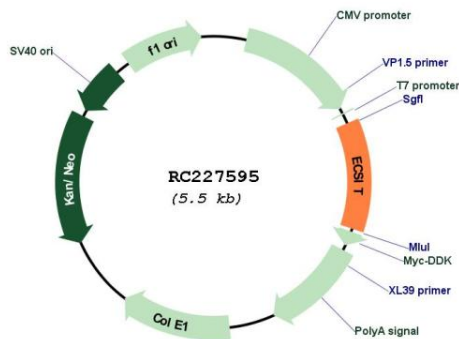
Cytogenetics: 19p13.2

Protein Pathways: MAPK signaling pathway

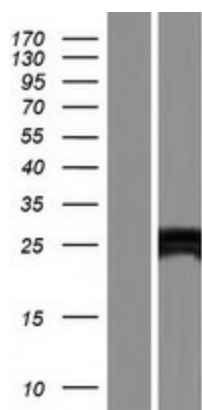
MW: 24 kDa

Gene Summary: Adapter protein of the Toll-like and IL-1 receptor signaling pathway that is involved in the activation of NF-kappa-B via MAP3K1. Promotes proteolytic activation of MAP3K1. Involved in the BMP signaling pathway. Required for normal embryonic development (By similarity). [UniProtKB/Swiss-Prot Function]

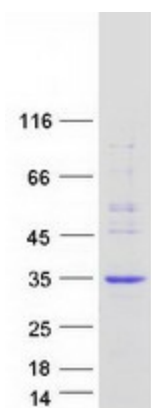
Product images:



Circular map for RC227595



Western blot validation of overexpression lysate (Cat# [LY428111]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC227595 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).



Coomassie blue staining of purified ECSIT protein (Cat# [TP327595]). The protein was produced from HEK293T cells transfected with ECSIT cDNA clone (Cat# RC227595) using MegaTran 2.0 (Cat# [TT210002]).