

Product datasheet for **SC330095**

ECSIT (NM_001243204) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: ECSIT (NM_001243204) Human Untagged Clone
Tag: Tag Free
Symbol: ECSIT
Synonyms: SITPEC
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC330095 representing NM_001243204.
Blue=Insert sequence **Red**=Cloning site **Green**=Tag(s)

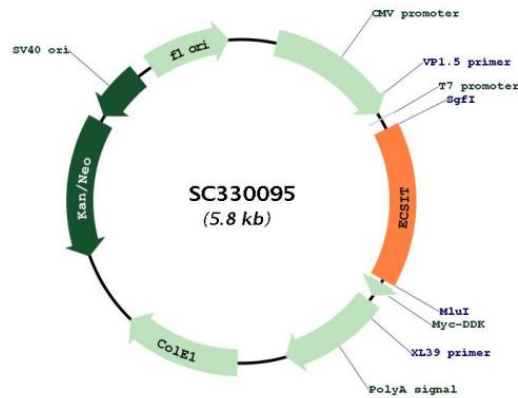
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ATGAGCTGGGTCCAGGCCACCCTACTGGCCGAGGCTCTGTAGGGCTGGGGAGGCACCTGCGGGGCC
GCCCTCACAGGAACCTCCATCTCTCAGTCCCTCGCCGGCTCCCTCGGGGCTCCACTGCAGCGCAGCT
GCCCATAGCTCTGAACAGTCCCTGGTCCAGCCACCGGAACCCGGCAGAGGCCACCAAGGCTCTG
GTGCCCTTTGAGGACCTGTTGGGCAGGCGCTGGTGGGGAACGGGACAAGGCGAGCTTCTGCAGACG
GTGCAGAAATTTGCGGAGCACAGCGTGCCTAAGCGGGGCCACATTGACTTCATCTACCTGGCCCTGCGC
AAGATGCGGGAGTATGGTGTGCGAGCGGACCTGGCTGTGTACAACCAGCTGCTCAACATCTCCCAAG
GAGGTCTTCCGGCTCGCAACATCATCCAGCGCATCTTGTCCACTACCTCGGCAGCAGGAGTGTGGG
ATTGCTGTCTGGAGCAGATGGAGAACCACGGTGTGATGCCCAACAAGGAGACGGAGTTCCTGCTGATT
CAGATCTTTGGACGCAAAAGCTACCCCATGCTCAAGTTGGTGCCTGAAGCTGTGGTTCCTCGATTC
ATGAACGTCAACCCCTTCCAGTGCCCCGGGACCTGCCCCAGGACCTGTGGAGCTGGCCATGTTTGGC
CTGCGGCACATGGAGCCTGACCTTAGTGCCAGGGTCACCATCTACCAGGTTCTTTGCCAAAGACTCA
ACAGGTGCAGCAGATCCCCCCAGCCCCACATCGTAGAGCTGACTTGCTGCCCCGGAGGAGGGAAG
TGAAGAGACGCCGGAGGAGTGAACCTCTACTACCCGATGCAGCTGGACCTGGAGTATGTGA
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Restriction Sites: Sgfl-Mlul



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Plasmid Map:



ACCN: NM_001243204

Insert Size: 891 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:

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_001243204.1](#)

RefSeq Size: 1599 bp

RefSeq ORF: 891 bp

Locus ID: 51295

UniProt ID: [Q9BQ95](#)

Cytogenetics: 19p13.2

Protein Pathways: MAPK signaling pathway

MW: 33.9 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]
Transcript Variant: This variant (4) differs in the 5' UTR and uses an alternate splice site in the 3' coding region, which results in a frameshift, compared to variant 1. The encoded isoform (4) is shorter and has a distinct C-terminus, compared to isoform 1.