

Product datasheet for **MR206934**

Ecsit (NM_012029) Mouse Tagged ORF Clone

Product data:

| | |
|---------------------------|--|
| Product Type: | Expression Plasmids |
| Product Name: | Ecsit (NM_012029) Mouse 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) |



[View online »](#)

ORF Nucleotide Sequence:

>MR206934 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGAGCTGGGTGCAGGTCAACTTGTGTTGCGAAGCCTCTCTAGGGGCTGGGAGGCCTCTGCAGGCCTG
 CCCTTTCAGGAACTCCCTTTGCTCAGGTGCCCTCCAGGCTCTACGAGGCCTCCACTGTAGTGCAGCTAC
 ACACAAGGATGAGCCGTGGTTGGTTCTCGACCCCGGAGCCCCAGAGGAAGCCATCAAGTTCCAGCA
 ATGCATGAAGACTTGTTCAGCCATCAGGAAACAGGGAGCGGGACAAGGCAAGCTTCTGAACGCAGTGC
 GCAGCTTTGGGGCGCACAATGTGCGCAAGCGGGCCATGTGGACTTATCTACCTAGCACTGCGCAAGAT
 GCCAGAGTTTGGTGTGGAGCGGGACTTGTCACTATAACAACCTGCTGCTGGATGTTTTCCCAAGGAGGTC
 TTCGGCCCCGCAACGTTATCCAGCGCATCTTCGTCCTACTCCACGGCAGCAGGAATGTGGGTGCGAG
 TCCTGGAGCAGATGGAACGACACGGGGTATGCCAGCGCAGAGACGGAGTTCCTACTGATTGAGATATT
 CGGGCGCAAAAGTTACCCATGTCAAGTTCCTGCGGATGAAGCTGTGGTTCACCCGATTCAAGAATATC
 AACCCCTACCCAGTGCCCGAGATCTTCCCGAGACCCTTTGGACTGGCCAAGCTAGGCCTGCGACACA
 TGGAGCCTGACCTCAGTGCTAAGGTCAGTGTCTACCAGATGTCCTTGCCAGTACTCGACAGGCATGGA
 AGATCCCACACAGCCTCACATTGTAGGAATCCAGAGTCCAGATCAGCAAGCTGCCCTGGCCCGCCACAAC
 CCATCCAGGCCTGTTTTGTTGAGGGCCCTTCCCTCTCTGGCTTCGTAATAAGTGTGTCTACTATCACA
 TCCTAAGAGCTGACCTGCCACCTCTGAGGAAGAGAAAGTAGAAGAGATCCAGAAGAATGGGAGCTGTA
 CTACCCACAGAAGCTGGACCTGGAATATTCAAGGAGTGGTTGGGACGACTATGAGTTTGACGTGGATGAA
 GTGACAGAAGGCCCTGTCTTCGCCATGTGCATGGCTGGTGCCATGATCAGGCAACATTGATCAAGTGA
 TCCAAGGCTTGACAGGAGACCAACCAACCCTGGCACAGATCCCAAGTGGTATTCCGCCTGGCCAGGTCCAC
 GGGGAGCTCCTGACAACCTCAAGGCTGGAGGGACAGTCCCTCCACAGTCTCCCAAGGGCCCTGAG
 GAAGATGATGAGACCATTAGGCAGAGCAGCAGCAGGGGCAAAGT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR206934 protein sequence
 Red=Cloning site Green=Tags(s)

MSWVQVNLVRSLSRGWGLCRPALSGTPFAQVSLQALRGLHCSAATHKDEPWLVRPPEPQRKPIKVPA
 MHEDL FKPSGNRERDKASFLNAVRSFGAHNVRKRGHVDFIYLALRKMPEFGVERDLSVYNLLLDVFPKEV
 FRPRNVIQRIFVHYPRQQECGVAVLEQMERHGVMP SAETEFLLIQIFGRKSYPLMKFLRMKLFTRFKNI
 NPYPVPRDLPQDPLDLAKLGLRHMEPDL SAKVTVYQMSLPSDSTGMEDPTQPHIVGIQSPDQQAALARHN
 PSRPVFVEGPFPLWLRNKCYYYHILRADLPPPEEEKVEEIPPEWELYYPQKLDLEYSRSGWDDYEFDVDE
 VTEGPFVAMCMAGHDQATLIKWIQGLQETNPTLAQIPVVVFRLARSTGELLTTSRLEGQSPPHSPPKGP
 EDDETIQAEQQQGS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:


ACCN: NM_012029

ORF Size: 1308 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_012029.1, NM_012029.2, NP_036159.1

RefSeq Size: 1682 bp

RefSeq ORF: 1308 bp

Locus ID: 26940

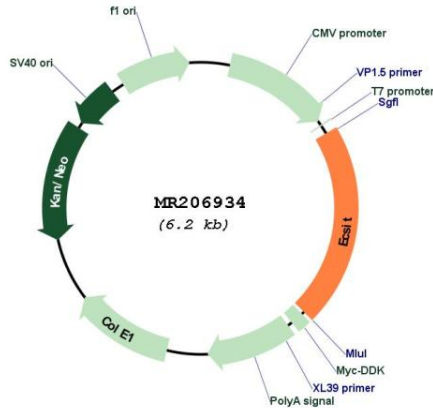
UniProt ID: Q9QZH6

Cytogenetics: 9 A3

MW: 49.8 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.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR206934