

Product datasheet for RN209134

Ecsit (NM_001006986) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Ecsit (NM_001006986) Rat Untagged Clone
 Tag: Tag Free
 Symbol: Ecsit
 Synonyms: MGC94704
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 Fully Sequenced ORF: >RN209134 representing NM_001006986
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGAGCTGGGTACAGGTCAACTTGCTGGCCGAGGCTCTCCAGGGGCTGGGCAGCATCTGCAGGACTG
 TGCTCTCAGGGACCCCTTTGCTCAGCCGTCCTTCAGGCTCGAGGCTCCATTGTAGTGCAGTCACACA
 CAAGGATGACGTGTGGTTGGTTCTCGACCCTCCGAGCCCAAAAGAAACCCATCAAGGTTCCAGCAATG
 CACGAAGACCTGTTCAAGCCATCAGGAAACGGGAGCAGGACAAGCAAGCTTCCGAATGCAAGTGCAGTGC
 GCAATGTTGGGAGCACAATGTGCGCAAGCGCGCCACGTGGACTTCACTACCTAGCACTTCGCAAGATGCC
 AGAGTTTGGTGTGGAACGGGACTTGTCAAGTATACAACCTGCTGCTGGACGTTTTCCCAAGGAGGTCTTC
 CGGCCCGCAACGCTATCCAGCGCATCTTTGTCCACTACCCACGGCAGCAGGAGTGTGGAGTCGCTGTCC
 TGGAGCAGATGGAACGACATGGAGTTATGCCAACACAGAGACTGAGTTCCTGCTGATCCAGGTGTTCCG
 GCACAAAAGTTACCCCATGCTCAAGTTCCTGCGGATGAAGCTGTGGTTACCCCGCTCAAGAATATCAAC
 CCCTACCCAGTGCCCGAGATCTTCCAGGACCCTTTGGACCTGGCCAAACTAGGCTCGCAGACACATGG
 AGCTGATCTCAGTGCTAAAGTCACTGTCTACCAGATGTCTTTGCCAGTGAGTCGACAGGCAATTGAAGA
 TCCCACACAGCCTCACATTGTAGGAATCCAGAGTCCAGATCAGCAAGCTGCCCTGGCCCGACACAACCCA
 TCCAGGCTGTTTTGTTGAGGGCCCTTCCCTCTCTGGCTTCGTAATAAGTGCCTCTATTATCACATCC
 TAAGAGCTGACCTGCCACCCCTGAGGAAGAGACAGTAGAGGAGATCCCAGAAGAATGGAACCTGTACTA
 CCCAATGCAGCTGGACCTGGAATATTCAAGGAGTCTTGGGACAACATGAATTTGACATGGATGAAGTG
 ACAGAAGGCCCGTCTTCGCCATGTGCATGACTGGTGGCCATGATCAGGCAACGTTGGTCAAGTGGATCC
 AAGGCTTGCAAGGACCAACCAACGCTGGCACAGATCCCAGTGGTATCCGCCTGGCCAGGTCCACAGG
 AGAGCTCCTGGCAACCACAAGGCTGGAGGGACAGTCCCCTCCCCACAGCCCTCCAAGGGTCTGAGGAA
 GATGATGAGGCCATTAGGCACAGCAGCGCAAGGTCAAAGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001006986
Insert Size:	1305 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:	<ol style="list-style-type: none">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:	<u>NM_001006986.1</u> , <u>NP_001006987.1</u>
RefSeq Size:	1478 bp
RefSeq ORF:	1305 bp
Locus ID:	300447
UniProt ID:	<u>Q5XIC2</u>
Cytogenetics:	8q13
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]