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Product datasheet for MC227681

Ecsit (NM_001253897) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ecsit (NM_001253897) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ecsit
Synonyms:	Sitpec
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

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Fully Sequenced ORF:

>MC227681 representing NM_001253897
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGAGCTGGGTGCAGGTCAACTTGCTGGTGCGAAGCCTCTCTAGGGGCTGGGGAGGCCTCTGCAGGCCTG
CCCTTTCAGGAACTCCCTTTGCTCAGGTGTCCCTCCAGGCTCTACGAGGCCTTCACTGTAGTGCAGCTAC
ACACAAGGATGAGCCGTGGTTGGTTCCTCGACCCCCGGAGCCCCAGAGGAAGCCCATCAAGGTTCCAGCA
ATGCATGAAGACTCGTTCAAGCCATCAGGAAACAGGGAGCGGGACAAGGCAAGCTTCCTGAACGCAGTGC
GCAGCTTTGGGGCGCACAATGTGCGCAAGCGCGGCCACGTGGACTTCATCTACCTAGCACTGCGCAAGAT
GCCAGAGTTTGGTGTGGAGCGGGACTTGTCAGTATACAACCTGCTGCTGGATGTTTTCCCCAAGGAGGTC
TTCCGGCCCCGCAACGTTATCCAGCGCATCTTCGTCCACTACCCACGGCAGCAGGAATGTGGGGTCGCAG
TCCTGGAGCAGATGGAACGACACGGGGTCATGCCCAGCGCAGAGACAGAGTTCCTACTGATTCAGATATT
CGGGCGCAAAAGTTACCCCATGCTCAAGTTCCTGCGGATGAAGCTGTGGTTCACCCGATTCAAGAATATC
AACCCCTACCCAGTGCCCCGAGATCTTCCCCAGGACCCTTTGGACCTGGCCAAGCTAGGCCTGCGACACA
TGGAGCCTGACCTCAGTGCTAAGGTCACTGTCTACCAGATGTCTTTGCCCAGTGACTCGACAGGCATGGA
AGATCCCACACAGCCTCACATTGTAGGAATCCAGAGTCCAGATCAGCAAGCTGCCCTGGCCCGCCACAAC
CCATCCAGGCCTGTTTTTGTTGAGGGCCCCTTCCCTCTCTGGCTTCGTAATAAGTGTGTCTACTATCACA
TCCTAAGAGCTGACCTGCCACCTCCTGAGGAAGAGAAAGTAGAGGAGATCCCAGAAGAATGGGAGCTGTA
CTACCCACAGAAGCTGGACCTGGAATATTCAAGGAGTGGTTGGGACGACTATGAGTTTGACGTGGATGAA
GTGACAGAAGGCCCTGTCTTCGCCATGTGCATGGCTGGTGCCCATGATCAGGCAACATTGATCAAGTGGA
TCCAAGGCTTGCAGGAGACCAACCCAACCCTGGCACAGATCCCAGTGGTATTCCGCCTGGCCAGGTCCAC
GGGGGAGCTCCTGACAACTTCAAGGCTGGAGGGACAGTCCCCTCCCCACAGTCCTCCCAAGGGGCCTGAG
GAAGATGATGAGACCATTCAGGCAGAGCAGCAGCAGGGGCAAAGTTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001253897

Insert Size: 1308 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).

OTI Annotation: Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.

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).

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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_001253897.1, NP_001240826.1
RefSeq Size:	1674 bp
RefSeq ORF:	1308 bp
Locus ID:	26940
UniProt ID:	Q9QZH6
Cytogenetics:	9 A3
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] Transcript Variant: This variant (2) uses a different splice site in the 5' UTR, compared to variant 1. Variants 1, 2, and 3 encode the same protein.

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