

Product datasheet for **MC227682**

Ecsit (NM_001253898) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ecsit (NM_001253898) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ecsit
Synonyms:	Sitpec
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC227682 representing NM_001253898 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGAGCTGGGTGCAGGTCAACTTGCTGGTGCAGCCTCTCTAGGGCTGGGAGGCCTCTGCAGGCCTG
CCCTTTCAGGAACCTCCCTTGGCTCAGGTGTCCCTCCAGGCTCTACGAGGCCTTCACTGTAGTGCAGCTAC
ACACAAGGATGAGCCGTGGTTGGTTCCTCGACCCCGGAGCCCCAGAGGAAGCCATCAAGTTCAGCA
ATGCATGAAGACTCGTTCAAGCCATCAGGAAACAGGGAGCGGGACAAGGCAAGCTTCTGAACGCAGTGC
GCAGCTTTGGGGCGCACAAATGTGCGCAAGCGCGGCCACGTGGACTTCATCTACCTAGCACTGCGCAAGAT
GCCAGAGTTTGGTGTGGAGCGGGACTTGTCAAGTATACAACCTGCTGCTGGATGTTTTCCCAAGGAGGTC
TTCCGGCCCCGCAACGTTATCCAGCGCATCTTCGTCCTACTACCCACGGCAGCAGGAATGTGGGGTGCAG
TCCTGGAGCAGATGGAACGACACGGGGTTCATGCCAGCGCAGAGACAGAGTTCCTACTGATTGAGATATT
CGGGCGCAAAAGTTACCCCATGCTCAAGTTCCTGCGGATGAAGCTGTGGTTCACCCGATTCAAGAATATC
AACCCCTACCCAGTGCCTCGAGATCTTCCCGAGACCTTTGGACCTGGCCAAGCTAGGCCTGCGACACA
TGGAGCCTGACCTCAGTGTCAAGGTCACTGTCTACCAGATGTCTTGGCCAGTACTGACAGGCATGGA
AGATCCCACACAGCCTCACATTGTAGGAATCCAGAGTCCAGATCAGCAAGCTGCCCTGGCCGCCCCAAC
CCATCCAGGCCTGTTTTTGTGAGGGCCCCCTTCCCTCTGCTGCTCGTAATAAGTGTGTCTACTATCACA
TCCTAAGAGCTGACCTGCCACCTCTGAGGAAGAGAAAGTAGAGGAGATCCCAGAAGAATGGGAGCTGTA
CTACCCACAGAAGCTGGACCTGGAATATCAAGGAGTGGTGGGACGACTATGAGTTTGACGTGGATGAA
GTGACAGAAGGCCCTGTCTCGCCATGTGCATGGCTGGTCCCATGATCAGGCAACATTGATCAAGTGA
TCCAAGGCTTGCAGGAGACCAACCAACCTGGCACAGATCCCAGTGGTATTCGCTGGCCAGGTCAC
GGGGAGCTCCTGACAACTTCAAGGCTGGAGGGACAGTCCCCTCCCACAGTCTCCAAGGGCCCTGAG
GAAGATGATGAGACCATTAGGCAGAGCAGCAGCAGGGGCAAAGT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001253898
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).
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_001253898.1</u> , <u>NP_001240827.1</u>
RefSeq Size:	1496 bp
RefSeq ORF:	1308 bp
Locus ID:	26940
UniProt ID:	<u>Q9QZH6</u>
Cytogenetics:	9 A3
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (3) lacks an alternate exon in the 5' UTR, compared to variant 1. Variants 1, 2, and 3 encode the same protein.</p>