

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_018434 unedited
TCTTGGATTTTGTAAACGACTTACTATAGGNCGGACCGCGCAATTCGGACGAGGGCGGC
TGCCGNGAGGACGATGAGCTGCGCGGGGCGGGCGGGCCCTGCCCGGCTCGCCGCGCTCGC
CCTGCTGACCTGCAGCCTGTGGCCGGCACGGGCAGACAACGCGAGCCAGGAGTACTACAC
AGCGCTCATCAACGTGACGGTGCAGGAGCCCGCGCGGGCGGGCGGGCGGGCGGGTTCAT
CGACCGCGGGGCGCTACGGGCTTGACTCCCCAAGGCCGAGGTCCGCGGCCAGGTGCTGGC
GCCGCTGCCCTCCACGGAGTTGCTGATCATCTGGGCTGTGATCCACAAACCCGGTTCTT
TGTCCCTCCTAATATCAACAGTGGATTGCCTTGCTGCAGAGGGGAAACTGCACGTTTAA
AGAGAAAATATCACGGGCGCTTTCACAAATGCAGTTGCTGTAGTCATCTACAATAATAA
ATCCAAAGAGGAGCCAGTTACCATGACTCATCCAGGCACTGGAGATATTATTGCTGTCAT
GATAACAGAATTGAGGGGTAAAGGATATTTTGTGTTATCTGGAGAAAAACATCTCTGTACA
AATGACAATAGCTGTTGGAACCGAATGCCACCGAAGAACTTCAGCCGTGGCTCTCTAGT
CTTCGTGTCAATATCCTTTATTGTTTTGATGATTATTTCTTCAGCATGGCTCATATTCTA
CTTCATTGAGAAGATCAGGTACACAAATGCACGCGACAGGAACCAGCGTCGTCTCGGAGA
TGCAGCCAAGAAAGCCATCAGTAAATTGGACACCAGNACAGTAAAGAATGGTGACAGGNA
AACTGACCCAGACTTGATCATTGTGCAGTCTGCATAGAGAGCTATTAGCAGAATGATGT
CGTCCGATTNNTCCCTGCAAGCATGTTTTCCACAATCCTGCNTAGATCC

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_018434 unedited
CGGCACGCAATCTAGNATCGAGTTTTTTTTTTTTTTTTTTTTTTTATTATTATTTATTTCTT
TAATACAAAGCTTTGGCATTAGCAATTTTATGAAAAATAAAATGTAATAAAATAAATG
CTTGTGTGGCATGATTGGTAAATGATGCACAAAAATAGGTTCTTTTTCTTCAAGGCAA
AATCAGTCAGAAAGCAGGTTTTTCTTCTTCAAAACATTCTACCTCATTAGCATTCAAG
CTAGCTGTGGCTCTGATGATCATGTAGCAGAGTGTGAGGGCACTGAGGAGGCCAAACTG
GCAATAATAAACCATTCTTTTGTACTGCAATGTTGATTCTCCTGTTCTCGGAGTGAGC
TCCCCATCCTGAGGAAGAGGTGAGATCCCCGAAGTTTCAAGTGGCTCAAGGCCAAGGGAG
TTGTGCGCGGCGAGGTGCGCGAGGGCTGATCTTCGGTTAACAGCTTGGGTTCTGGTGAGC
CTTTCCATATCGAATGCTACGTTATCAGTACATGGGCAAAATTCGGCACAATTCACAGGGC
CCTCATATATTAAGTTTGCACATAGGACAGGTACATGTTCACTAAGCCAGGGATCCCACG
CAGATTTGTGAAAAACATGCTTGCAGGGGAGAATTCGACGACATCATTCTGCTAATAG
CTCCTTTTGCCAAACGGCCAATGATCAAAAGCCGGGGGCAAGTTCCTTGGAACCCCTTT
TTTTACTGGCCCGGTGGAATTTAACGGAAGGCTTTTTTGGGGCGATTCTCCAAAAAAC
CCTGGTTCCTGGCGGGGCTTTTGGACCGATTTTTTGAAAGAGAAAAAATTCACCCGGC
CGAAAAAAATCCTCCACAACAAAGTTTTCCCAAAACATAAAACCCCGGGGATTCT
CTTGGGGATTAAATCACAC

Restriction Sites:

NotI-NotI

ACCN:

NM_018434

Insert Size:

1500 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:	<u>NM_018434.4, NP_060904.2</u>
RefSeq Size:	1865 bp
RefSeq ORF:	1260 bp
Locus ID:	55819
UniProt ID:	<u>Q86XS8</u>
Cytogenetics:	5q35.3
Domains:	RING
Protein Families:	Druggable Genome, Transmembrane
Gene Summary:	The protein encoded by this gene contains a RING finger motif and is similar to g1, a Drosophila zinc-finger protein that is expressed in mesoderm and involved in embryonic development. The expression of the mouse counterpart was found to be upregulated in myeloblastic cells following IL3 deprivation, suggesting that this gene may regulate growth factor withdrawal-induced apoptosis of myeloid precursor cells. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2013] Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).