

Product datasheet for **SC323950**

GCET2 (GCSAM) (NM_152785) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	GCET2 (GCSAM) (NM_152785) Human Untagged Clone
Tag:	Tag Free
Symbol:	GCET2
Synonyms:	GCAT2; GCET2; HGAL
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_152785.3
 CCACGCGTCCGGTGGTAAAGGGACGGAGGGGAAGCCCTGAGAGGACTGAGAGGATGGGAA
 ATTCTCTGCTGAGAGAAAACAGGCGGCAGCAGAACAACACTCAAGAGATGCCCTTGAATGTGA
 GAATGCAAAGCCCCAAACAGAGAACATCCAGATGCTGGGATCACCATATCGCTGAAGGGT
 GTTCTGCCTTCCATGGAAAAAATACTCATTTTTGAAAAGAGGCAAGATTCCCAAAACG
 AAAATGAAAGAATGTCATCTACTCCCATCCAGGACAATGTTGACCAGACCTACTCAGAGG
 AGCTGTGCTATACCCTCATCAATCATCGGGTTCTCTGTACAAGGCCATCAGGAACTCTG
 CTGAAGAGTACTATGAGAATGTTCCCTGCAAAGCTGAGAGACCCAGAGAGTCCTTGGGAG
 GAACTGAGACTGAGTATTCATTCTACATATGCCCTTCTACAGACCCAGGCATGCCCGAT
 CCCCAGAAGATGAATATGAACCTTCTCATGCCTCACAGAATCTCCTCTCACTTTCTGCAAC
 AGCCACGTCCTTATGGCCCTTCTGAGACTCAGTTTTCCCATTTATAGTGAAGTGGCT
 GGACTAGCATTTGTTTAGCACAACAAATAAAAGGTGGGATGGGGATCTGCCTGAAGCA
 GGGATGGGACACAAGTCCCTCCAGCTTATCTCCACAACAACCCCTTCCCTGCAGAGCA
 TGGTTTGATACCACAAGCCCTCTTAGCAGCAAAAGCCAAAATCTAAAGATCAACCATT
 TATCCTGAACAACACCATTTGAGAAAGAGGTAACCATCTTTGGTTCTACATGGTTTGGAG
 AGTATAGTGGTAGGAGGGGCTCCCTGATTCCCCTAAAGCTATGCACACCACAAGGGGCTC
 TGCTCTTCTGTCTGGGATCTTCTATAAAGTGTCCCATGATCATTCTCTAAAGTACGA
 GGAAGCTTTACTCATCACTAAGTGTGCCAAGGGGGAGTTCACTCATTACTGTGACCT
 TCCAGCTCAGTCCCACCCATGGGAGCCTGTGTTGCTCCTCACTCCATGTGTCTAAGT
 CATGCTTTTTACATAGTGTCTTTGACCTGTTGGCCCCATGGTCTGGTTAGTTATGTGA
 GTTGAATCAAGAGGCTCTAGGCCAGATGTTTACATAATTTTAACTATATGATTTTATTT
 TTAACCTTTGATTTCTCCCTAGAAATCTTAATAAGACAATTATGCCATCAGACAATGTTA
 AGAAGAACGATCCTTGGAGATCCCGTAATCCCCTACCTTTCTTTGGCTCAGAGAGGATA
 ATTTGCCATAATGATACATTAAGTTAGTGGCAAACTTAATTTGGAGCCTGATTTCTAC
 TGACTTCAATTTAGTGTCCCCAGTATGCTAAATAGAAAGCCCTCTGCAATATATTAA
 ATGTATACTAAATGTATATATTTAATAATGTCATGTATAAAATATGAATAAAATGTCCAC
 ATAGGAAATTAACACATAAAAAAAAAAAAAAAAA



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Restriction Sites:	EcoRI-NOT
ACCN:	NM_152785
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:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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:	NM_152785.3 , NP_689998.1
RefSeq Size:	3314 bp
RefSeq ORF:	537 bp
Locus ID:	257144
UniProt ID:	Q8N6F7
Cytogenetics:	3q13.2
Gene Summary:	<p>This gene encodes a protein which may function in signal transduction pathways and whose expression is elevated in germinal cell lymphomas. It contains a putative PDZ-interacting domain, an immunoreceptor tyrosine-based activation motif (ITAM), and two putative SH2 binding sites. In B cells, its expression is specifically induced by interleukin-4. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jul 2008]</p> <p>Transcript Variant: This variant (1) encodes isoform 1. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>