

Product datasheet for **SC322563**

ZNFN1A2 (IKZF2) (NM_001079526) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNFN1A2 (IKZF2) (NM_001079526) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNFN1A2
Synonyms:	ANF1A2; HELIOS; ZNF1A2; ZNFN1A2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

Fully Sequenced ORF: >OriGene sequence for SC322563
AACCTGCTCCTCGCTGAAGATGGAGGAAGTAAAAACAGGATTACCCCTTAGCTACAGATC
CACTGCCTTAGTTTCCACCACCAACTGCAGTGCACAAACACACGTTAGGCACAGGAAAGA
AAGAAAGACAGAGGACACATTAACAGTAAACACAAACAAAAGGGTGATGGGATTATTTTA
CTGCATGCACTGCTGAGCCCGACATTGTCACCTCCTCTTTGAGGGGTTAGAAGAAGCTGA
GATCTCCCGACAGAGCTGAAATGGTGAATCTTTTTTAATCAAAGGACAATTTCTTT
TCATTGCATTTGACTATGGAAACAGAGGCTATTGATGGCTATATAACGTGTGACATGA
GCTTTTACCCGAAAGGGAGCACTCCAATATGGCAATTGACCTCACCTCAAGCACACCCAA
TGGACAGCATGCCTCACCAAGTCACATGACAAGCACAAATTCAGTAAAGCTAGAAATGCA
GAGTGATGAAGAGTGTGACAGGAAACCCCTGAGCCGTGAAGATGAGATCAGGGGCCATGA
TGAGGGTAGCAGCCTAGAAGAACCCTAATTGAGAGCAGCGAGGTGGCTGACAACAGGAA
AGTCCAGGAGCTCAAGGCGAGGGAGGAATCCGGCTTCCGAATGGTGAACGCCCTTCCA
CTGTAACCAAGTGTGGAGCTTCTTTACTCAGAAGGGCAACCTTCTGAGACACATAAAGTT
ACACTCTGGAGAGAAGCCGTTCAAATGTCCTTTCTGTAGCTACGCCTGTAGAAGAAGGGA
CGCCCTCACAGGACACCTCAGGACCCATTCTGTGGGTAAACCTCACAAAGTCAACTACTG
TGGACGAAGCTACAAGCAGCGCAGTTCACTGGAGGAGCACAAGGAACGCTGCCACAATA
TCTCCAGAATGTGAGCATGGAGGCTGCTGGGCAGGTCATGAGTACCATGTACCTCCTAT
GGAAGATTGTAAGGAACAAGAGCCTATTATGGACAACAATATTTCTCTGGTGCCTTTTGA
GAGACCTGCTGTCATAGAGAAGCTCACGGGGAATATGGGAAAACGTAAAAGCTCCACTCC
ACAAAAGTTTGTGGGGGAAAAGCTCATGCGATTGAGTACCCAGATATTTCACTTTGATAT
GAACTTAACATATGAGAAGGAGGCTGAGCTGATGCAGTCTCATATGATGGACCAAGCCAT
CAACAATGCAATCACCTACCTTGGAGCTGAGGCCCTTACCCTCTGATGCAGCACCCGCC
AAGCACAAATCGTGAAGTGGCCCAAGTTATAAGCTCAGTTATTCTCAGGTCTATCATCC
AAATAGGATAGAAAAGACCATTAGCAGGAAACTGCTGATAGTCATGAAAACAACATGGA
TGGCCCATCTCTCTCATCAGACCAAAGAGTCGACCCCGAAAGAGAGGCTCTCCAG
CAATAGCTGCCTGGATTCCAAGTACTGACGAAAGCAGCCATGATGACCACCAGTCTACCA
AGGACACCCTGCCTTAAATCCCAAGAGGAAACAAAGCCAGCTTACATGAAGGAGGATGT
CAAAGCTTTGGATACTACCAAGGCTCCTAAGGGCTCTCTGAAGGACATCTACAAGTCTT
CAATGGAGAAGGAGAACAGATTAGGGCCTTCAAGTGTGAGCACTGCCGAGTCTTTTCT
AGACCATGTCATGTACACCATTACATGGGTTGCCATGGCTACCCGGACCCACTGGAATG
CAACATCTGTGGTACAGAAGCCAGGACCGTTATGAGTTTTCATCACACATTGTTGAGG
GGAGCACACATTTCACTAGGCCTTTTATTCCAAGGGGACCCCTATGAAGTAAAGAACT
GCACATGAAGAAATACTGCACTTACAATCCACCTTTCCTCAAATGTTGACATACCTTTT
ATTTTTTTAATATTACTGTTGATAATTCTTATTTTGTGGAGGCAGTGCATTTTGTCT
CTGCCTAATTACGATAAGGAAGAAACAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_001079526

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:

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_001079526.1](#), [NP_001072994.1](#)

RefSeq Size: 9512 bp

RefSeq ORF: 1503 bp

Locus ID: 22807

UniProt ID: [Q9UKS7](#)

Cytogenetics: 2q34

Gene Summary: This gene encodes a member of the Ikaros family of zinc-finger proteins. Three members of this protein family (Ikaros, Aiolos and Helios) are hematopoietic-specific transcription factors involved in the regulation of lymphocyte development. This protein forms homo- or heterodimers with other Ikaros family members, and is thought to function predominantly in early hematopoietic development. Multiple transcript variants encoding different isoforms have been found for this gene, but the biological validity of some variants has not been determined. [provided by RefSeq, Jul 2008]

Transcript Variant: This Variant (2) differs in the 5' UTR and uses an alternate in-frame splice site in the coding region, compared to variant 1. The resulting protein (isoform 2) is shorter than isoform 1.