

Product datasheet for **MC217448**

Ikzf2 (NM_011770) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ikzf2 (NM_011770) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ikzf2
Synonyms:	A730095J18Rik; Helios; Zfpn1a2; Znfn1a2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC217448 representing NM_011770
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAACAGACGCAATTGATGGCTATATAACATGTGACAATGAGCTTTCACCCGAAGGGGAACACGCCA
 ATATGGCCATTGACCTCACCTCAAGCACACCCAATGGACAGCACGCCCTCGCCAAGTCACATGACAAGCAC
 AAATTCTGTAAGCTGGAATGCAGAGTGATGAAGAGTGTGACAGGCAGCCCTGAGCCGTGAGGATGAG
 ATCAGGGGCCACGATGAGGGGAGCAGCCTAGAAGAACCCTAATTGAGAGCAGCGAGGTGGCCGACAACA
 GGAAAGTCCAGGACCTTCAAGGCGAGGGAGGAATCCGGCTTCCGAATGGTAAACTGAAATGTGACGTCTG
 TGGCATGGTTTGATTGGGCCAATGTGCTTATGGTACATAAAAGGAGTCACTGGTGAGCGGCCCTTC
 CACTGTAACCAGTGGGAGCTTCTTTACCCAGAAGGGCAACCTTCTGAGACACATAAAGTTACTACTCTG
 GAGAGAAGCCCTTCAAATGTCTTCTGTAGCTATGCTTGTAGAAGAAGGGACGCTCTCACAGGACACCT
 CAGGACCCATTCTGTGGTAAACCTCACAAGTGAACACTGTGGCCGAAGCTACAAGCAGCGCAGCTCA
 CTGGAGGAACACAAGGAACGCTGTCACAACATATCTCCAGAATGTCAGCATGGAGGCTGCCGGCAGGTCA
 TGAGTACCATGTACCGCTATGGAAGATTGTAAGGAACAAGAGCCTATCATGGACAACAATATTTCTCT
 GGTGCCTTTTGAGAGACCTGCTGTATAGAGAAGCTCACGGCAAATATGGGAAAGCGCAAAGCTCCACT
 CCTCAGAAGTTTGTGGGGAAAAGCTTATGCGATTGAGTACCCAGATATTCATTTTGATATGAACCTAA
 CATATGAGAAGGAGGCTGAGCTGATGCAGTCTCATATGATGGACCAAGCCATCAACAATGCAATCACCTA
 CCTTGGAGCTGAGGCCCTCACCTCTGATGCAGCATGCACCAAGCACAATCGCTGAGGTGGCCCAAGTT
 ATAAGCTCAGCTTATTCTCAGGTCTATCATCCAACAGGATAGAAAGACCATTAGCAGGGAAAACATCTG
 ATAGTCACGAAAACAACATGGATGGCCCATCTCTCATCAGACCAAAGAGTCGACCCAGGAAAGAGA
 GGCTCGCCAGCAATAGCTGCCTCGATTCTACTGACTCAGAAAGTAGCCATGATGACCGCCAGTCCCTAC
 CAAGGAAACCCTGCCTTAAATCCAAGAGGAAAACAAGGCCAGCTTACATGAAGGAGGATGTCAAGGCTT
 TGGATGTACCAAGGCCCAAGGGCTCTCTGAAGGACATCTATAAGGTTTTCAATGGAGAAGGAGAACA
 GATAAGGGCCTTCAAGTGTGAGCACTGCCGAGTCTTTTTCTAGACCATGTATGTACACCATTCACATG
 GGTGCCATGGCTACCGGACCCACTGGAATGCAACATCTGTGGTACAGAAGCCAGGACCGCTACGAAT
 TTTTCATCACACATTGTTGAGGGGAGCACACATTCCAC**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_011770
- Insert Size:** 1581 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: [NM_011770.4](#), [NP_035900.2](#)

RefSeq Size: 9457 bp

RefSeq ORF: 1581 bp

Locus ID: 22779

UniProt ID: [P81183](#)

Cytogenetics: 1 C3

Gene Summary: Associates with Ikaros at centromeric heterochromatin.[UniProtKB/Swiss-Prot Function]