

Product datasheet for SC335572

ERFE (NM_001291832) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ERFE (NM_001291832) Human Untagged Clone
Tag:	Tag Free
Symbol:	ERFE
Synonyms:	C1QTNF15; CTRP15; FAM132B
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC335572 representing NM_001291832. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCC**CGCATCGCC**
 ATGGCCCCGGCCCGCCCGCCCGGAGCCCGCTGCTGCTCGTCTACGCGGGCCTGCTGGCCGCCGCC
 GCCGCGGGCCTGGGGTCCCCGAGCCTGGGGCGCCCTCGAGGAGCCGCGCCCGCAGGGAGCCGCCGCC
 GGAACGAGCTGCCCGGGGCCCGGGGAGAGCCGCGCGGGGCCGGCGCTCGTCCGCCGAGCCACC
 GCTGAGCGTGACACAGCGTCGACCCCGGGACGCTGGATGCTTTCGTACGGCAGAGTGACAAGGGT
 GTCAATGGCAAGAAGAGGAGCAGGGGCAAGGCCAAGAAGCTGAAGTTCGGCTTGCCAGGGCCCCCTGGG
 CCTCCCGGTCCCAGGGCCCCCAGGCCCATCATCCACCCGAGGCGCTGCTGAAGGAGTTCAGCTG
 CTGCTGAAAGGTGCGGTGCGGCAGCGGGAGCGCGCGGAGCCGAACCCTGTACGTGTGGCCCCGCCGGG
 CCGGTGCTGCGAGCCTCGCCCCGGTCTCGGCCACCGCCGGGAGGACGACGACGAGTGGTGGGGGAC
 GTGCTGGCACTGCTGGCCGCGCCCTGGCCCCGGGGCCGCGGGCGCCGCGTGGAGGCCGCTTTCCTC
 TGCCGCTGCGCCGGGACGCGTTGGTGGAGCGCGCGCTGCACGAGCTTGGCGTCTACTACCTGCC
 GACGCCGAGGGTGCTTCCGCCGCGGCCCGGGCCTGAATTGACCAGCGGCCAGTACAGGGCGCCCGTG
 GCTGGCTTCTACGCTCTCGCCGCCACGCTGCACGTGGCGCTCGGGGAGCCGCCGAGGAGGGGGCCGCC
 CGCCCCGGGACCACCTGCGCTGCTCATCTGCATCCAGTCCCGGTGCCAGCGCAACGCCCTCCCTGGAG
 GCCATCATGGGCTGGAGAGCAGAGTGAAGTCTTACCATCTCTGTAATGGCGTCTGTACCTGCAG
 ATGGGGCAGTGGACCTCCGTGTTCTTGGACAACGCCAGCGGCTGCTCCCTCACAGTGCAGTGGCTCC
 CACTTCAGTGCTGCTCCTCCTGGCGTG**TGA**
 AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGAT
 ATCCTGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-RsrII
ACCN:	NM_001291832


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Insert Size:	1065 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_001291832.1</u>
RefSeq Size:	2911 bp
RefSeq ORF:	1065 bp
Locus ID:	151176
UniProt ID:	<u>Q4G0M1</u>
Cytogenetics:	2q37.3
MW:	37.3 kDa
Gene Summary:	Iron-regulatory hormone that acts as an erythroid regulator after hemorrhage: produced by erythroblasts following blood loss and mediates suppression of hepcidin (HAMP) expression in the liver, thereby promoting increased iron absorption and mobilization from stores. Promotes lipid uptake into adipocytes and hepatocytes via transcriptional up-regulation of genes involved in fatty acid uptake.[UniProtKB/Swiss-Prot Function]