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Product datasheet for SC115508

EHF (NM_012153) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	EHF (NM_012153) Human Untagged Clone
Tag:	Tag Free
Symbol:	EHF
Synonyms:	ESE3; ESE3B; ESEJ
Mammalian Cell Selection:	None
Vector:	pCMV6-XL4
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF:

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>OriGene sequence for NM_012153 edited
GAATTCGGCACGAGGCCCGTGGTGCCCCATCCCTATAGGAGCTGGTGAGATTGCAGCCTG
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5' Read Nucleotide Sequence:

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>OriGene 5' read for NM_012153 unedited
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AGCCGCCAGCCTGGACAGACAGCTACTCCACGTGCAATGTTTCCAGTGGGTTTTTTGGAG
GCCAGTGGCATGAAATTCATCCTCAGTACTGGACCAAGTACCAGGTGTGGGAGTGGCTCC
AGCACCTCCTGGACACCAACCAGCTGGATGCCAATTGTATCCCTTTCCAAGAGTTCGACA
TCAACGGCGAGCACCTCTGCAGCATGAGTTTGCAGGAGTTCACCCGGGCGGCAGGGACGG
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AANAGCACAACCCGAGAGGGACTCACTTATGGGAATTCATCCGCGACATCCTCTTTGACC
CAGACAAG
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Restriction Sites: NotI-NotI

ACCN: NM_012153

Insert Size: 4700 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_012153.3, NP_036285.2

RefSeq Size: 3617 bp

RefSeq ORF: 903 bp

Locus ID: 26298

UniProt ID: Q9NZC4

Cytogenetics: 11p13

Domains: ETS, SAM_PNT

Protein Families: Transcription Factors

Gene Summary: This gene encodes a protein that belongs to an ETS transcription factor subfamily characterized by epithelial-specific expression (ESEs). The encoded protein acts as a transcriptional repressor and may be involved in epithelial differentiation and carcinogenesis. Three transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jun 2011]
Transcript Variant: This variant (2) differs in the 5' UTR and coding sequence compared to variant 1. The resulting isoform (2) is shorter at the N-terminus compared to 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.