

Product datasheet for RC233754

EHF (NM_001206616) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
 Product Name: EHF (NM_001206616) Human Tagged ORF Clone
 Tag: Myc-DDK
 Symbol: EHF
 Synonyms: ESE3; ESE3B; ESEJ
 Mammalian Cell Selection: Neomycin
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 ORF Nucleotide Sequence: >RC233754 representing NM_001206616
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGGGTTGCCGGAGAGAAGAGGATTGGTCTGCTTTTAAGCCTAGCTGAAATCTTTTCAAGATCATGA
 TTCTGGAAGGAGGTGGTGAATGAATCTCAACCCCGCAACAACCTCCTCACCAGCCGCCAGCCTGGAC
 AGACAGCTACTCCACGTGCAATGTTCCAGTGGGTTTTTGGAGGCCAGTGGCATGAAATTCATCCTCAG
 TACTGGACCAAGTACCAGGTGTGGGAGTGGCTCCAGCACCTCCTGGACACCAACCAGCTGGATGCCAATT
 GTATCCCTTTCCAAGAGTTCGACATCAACGGCGAGCACCTCTGCAGCATGAGTTTGCAGGAGTTCACCCG
 GGCGGCAGGGACGGCGGGGCGAGCTCCTCTACAGCAACTTGCAGCATCTGAAGTGGAACGGCCAGTGCAGT
 AGTGACCTGTTCCAGTCCACACAATGTCAATGTCAAGACTGAACAAACTGAGCCTTCCATCATGAACA
 CCTGAAAGACGAGAACTATTTATATGACACCAACTATGGTAGCACAGTAGATTTGTTGGACAGCAAAAAC
 TTTCTGCCGGGCTCAGATCTCCATGACAACCACAGTCACCTTCTGTTGCAGAGTACCTGATATGAAA
 AAGGAGCAAGACCCCTGCCAAGTGCCACACCAAAAAGCACAACCCGAGAGGGACTCACTTATGGGAAT
 TCATCCGCGACATCCTCTTGAACCCAGACAAGAACCAGGATTAATAAATGGGAAGACCGATCTGAGGG
 CGTCTTCAGGTTCTTGAATCAGAGGCAGTGGCTCAGCTATGGGGTAAAAAGAAGAACAACAGCAGCATG
 ACCTATGAAAAGCTCAGCCGAGCTATGAGATATTACTACAAAAGAGAAATCTCGAGCGTGTGGATGGAC
 GAAGACTGGTATATAAATTTGGGAAGAATGCCCGAGGATGGAGAGAAAATGAAAAC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RC233754 representing NM_001206616
Red=Cloning site Green=Tags(s)

MGLPERRGLVLLLSLAEILFKIMILEGGGVMNLNPGNNLLHQPPAWTDSYSTCNVSSGGFFGGQWHEIHPQ
 YWTKYQVWEWLQHLLDNTQLDANCIPFQEFDINGEHLCSMSLQEFTRAAGTAGQLLYSNLQHLKWNQCS
 SDLFQSTHNVIKTEQTEPSIMNTWKDENLYDTNYGSTVDLLDSKTFCRAQISMSTTSHLPVAESPMK
 KEQDPPAKCHTKKHNRGTHLWEFIRDILLNPDKNPGLIKWEDRSEGVRFLKSEAVAQLWGKKKNNSSM
 TYEKL SRAMRYYYKREILERV DGRRLVYKFGKNARGWRENEN

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

ACCN: NM_001206616

ORF Size: 966 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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_001206616.2](#)

RefSeq Size: 5467 bp

RefSeq ORF: 969 bp

Locus ID: 26298

UniProt ID: [Q9NZC4](#)

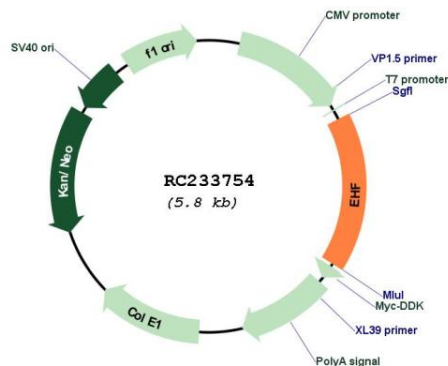
Cytogenetics: 11p13

Protein Families: Transcription Factors

MW: 37.8 kDa

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]

Product images:



Circular map for RC233754