

Product datasheet for SC212239

EFHD1 (NM_025202) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: EFHD1 (NM_025202) Human 3' UTR Clone
Symbol: EFHD1
Synonyms: MST133; MSTP133; PP3051; SWS2
Mammalian Cell Selection: Neomycin
Vector: pMirTarget (PS100062)
ACCN: NM_025202

Insert Size: 1087 bp

Insert Sequence: >SC212239 3'UTR clone of NM_025202
 The sequence shown below is from the reference sequence of NM_025202. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAACGATCGCC
CAGAACTCAAGGCCAATTCAATACAAGTCCTGCTGACCTTGCCCTCTGCCACAGCTGTGCCTCAC
AGATGCCCCGAGAAGAGATGACTAGGCATCTTCATCACTGCTGTCGGTCCCCTCCCTGAGCCAGCATCT
CCATCCACCACCCGTGCCAGCTCCCGTGCCAGCCTTCATTCTCCAGTGTCCAAGCCCTCCAGGAG
GGTCCTGGGGTGGGCCAGATGCCTGCCACCTCTGTCTCCTGCCTCTGCTCCTCTGCCCTTCTTATAGC
CAGAACTTGATCTTCTCAGCAACCTTCACTTTGTCTTGTCCCTTACCATTCCCATCAAAGAGTAG
TCTGCTATATCAATTTGTGTAGATATGTCTGTCTTTTGGGTCCCTCAGAGAAAATGCCCATTTTCTCGG
AGAATTCTCTGCACTCCTCTCTGCTTCACATTCAACTTCCTGTTCTCATCTTTGGTAGGATTCTGCCA
GTTGCTTTTGCATCTTCTGTTCTGGGTAATGGTGGGTCTTAATGGAGGCTGGGTGGACCACTGCCCGT
CCACTCTTCAACAGGAGGAACAGCATGCCACCATAGTAACACACATTAGAGAAAGGACAGAGGTCTGCT
CCTTCTGCCACCTTTCTCCTGGCCCCCTTAGCATTCCCCAGTCCCTCCCTCTTACCTTGCTCCGTCT
ATGTCTTCCCAGCTCAGCCTTTTCCCCTCTTAATACTGTACTACTTCACTGTAAGAACGAAAGAAT
AGTTAGGATACCAATGAGTAAAAGGGTTCTGTTCACTCTGACTCTGTGCAAATTGTATTACAGTAGAC
CGCTGACGTTCCCAAGTGACAGATCCAGGCGCTTTCAAACATCCCCAAAGTCATGGCCATACTCACCAT
TAGCCAGTTTCTAACATCTGTTTCAGGGTATCCAGCTGTAGATGTTCTTATCCCCCATACTTGTGAGTT
CTTGGGGTTGCTCACAAATACTAGGGGTTTTTGTGTATTTTAAACAAATATATCCTAATGTCATATTT
ATTCTCTTTTGAAGTGTCTTTTACAATAAAGAAATCATCTGCCTTTCTA
ACGCGTAAGCGGCCGCGGCATCTAGATTGGAAGAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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Restriction Sites: SgfI-MluI



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OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	<u>NM_025202.4</u>
Summary:	This gene encodes a member of the EF-hand super family of calcium binding proteins, which are involved in a variety of cellular processes including mitosis, synaptic transmission, and cytoskeletal rearrangement. The protein encoded by this gene is composed of an N-terminal disordered region, proline-rich elements, two EF-hands, and a C-terminal coiled-coil domain. This protein has been shown to associate with the mitochondrial inner membrane, and in HeLa cells, acts as a novel mitochondrial calcium ion sensor for mitochondrial flash activation. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2016]
Locus ID:	80303
MW:	40.2