

Product datasheet for **SC210331**

EFS (NM_005864) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Symbol:	EFS
Synonyms:	CAS3; CASS3; EFS1; EFS2; HEFS; SIN
Mammalian Cell	Neomycin
Selection:	
Vector:	pMirTarget (PSI00062)
ACCN:	NM_005864
Insert Size:	850 bp
Insert Sequence:	>SC210331 3'UTR clone of NM_005864 The sequence shown below is from the reference sequence of NM_005864. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site <pre> GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAGCGATCGCC ACTACCTGCTCACTAGCTGGCTCCAAGAGTCTTTGGCACAGCTCTGCTCCTCCCTGCCTGCCA AAGCCCCCTTTAGGCCTTGGGTGGCTGGAAGGCTTTGTTAAGGGACTAGGAGAAATGGGGTATCTTT CCCCCTTCTGCCCTTTCTGCTCATCTCAACCTCTCACAGAGGTGCTTCTCCCCCTAACCTACAGCTT TTTGTACAAGCCATTTTGTGTAATTTATTTATTTAATATTATTCCTGCTTTGTCAGGAGCAGGTAC TAGGCTCTGGGGCAGTGAGGAAGTATGATCTTCTCTCCTCAGCCTAGGGTGGAGGTCACTGCACTACCA CCCACCTCTGGAAGACTGGCTGTGAAAAGTCAGGTGGCAGAACTGGGGCCACATAGAGCCTCTCTCT TTTCTGTTTCTTGGCTCTAGAAGATCAGCACTGCACTGTTAGCTGAGAGTGCGGGCAAGACATAAACT GTCCAGAGTTTGAAGTTCTCGGAAAGACCGGAGGGCTTCTCCCCACAGAAGGCGGAGAGCTGGGGC TCAGACATGGGTGTGCACCTTAATAAACCTGTGTCTGCCTCCCTGACTCTGCTTCTTGGGAGCATGG TGAGCAGCCCTGGTGTCTCAGCAGCCATACCTATGGGACACACACTACGAAAAGGATGCCTTTAGGGTTT GGGGGAGATTTTACTCTTTCTTCAACAACTATTCAGTGGACAAGTTCTCTGCTCCCATGACGCGCCAG GCACAGTTCTGCAAGTATATTGTGAATGTATTGTTCTAGTGGGATACACAAATAAGTCAGTTAAATAC ATAAATAAAAAACATAAACCTGC ACGCGTAAGCGGCCGCGGCATCTAGATTCTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA CGAGATTTGATTCCACCGCCGCTTCTATGAAAGG </pre>
Restriction Sites:	SgfI-MluI



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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_005864.4</u>
Summary:	The protein encoded by this gene is a member of the CAS (CRK-associated substrate) family of adaptor proteins which typically serve as scaffolds for the assembly of larger signaling complexes. These complexes form at the cell surface where integrin binding leads to the subsequent phosphorylation of a CAS protein. Additional binding of SRC family kinases leads to CAS hyperphosphorylation and the creation of binding sites for CRK and other proteins that cause actin cytoskeleton reorganization. This gene plays a role in integrin-mediated cell attachment, spreading, and migration and also plays a role in both normal and malignant cellular transformation. This broadly expressed gene has been shown to play a role in neurite outgrowth and its expression in the thymus and lymphocytes is important for T cell maturation and the development of immunological self-tolerance. Alternative splicing of this gene results in multiple transcript variants encoding distinct isoforms. [provided by RefSeq, Jul 2020]
Locus ID:	10278
MW:	31