

Product datasheet for **SC201453**

EFTUD1 (EFL1) (NM_001040610) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	EFTUD1 (EFL1) (NM_001040610) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	EFL1
Synonyms:	EFTUD1; FAM42A; HsT19294; RIA1; SDS2
ACCN:	NM_001040610
Insert Size:	170 bp
Insert Sequence:	>SC201453 3'UTR clone of NM_001040610 The sequence shown below is from the reference sequence of NM_001040610. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC AAGCAGAGGACACTCAGCAAAAATAAGTAGCTACTACTACTGGTGGATTCTTTTCTTATAGTGAATT TAAAAGTATCATCAAGGGTTAATATTGGGAAAATTTCTTTTTGCCACATTATCTCTGTTTATCACTT TCAATAAAGTTGATCCATATAAATATTTTAAA ACGCGT AAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
Restriction Sites:	Sgfl-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.
RefSeq:	<u>NM_001040610.3</u>



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Summary: Involved in the biogenesis of the 60S ribosomal subunit and translational activation of ribosomes. Together with SBDS, triggers the GTP-dependent release of EIF6 from 60S pre-ribosomes in the cytoplasm, thereby activating ribosomes for translation competence by allowing 80S ribosome assembly and facilitating EIF6 recycling to the nucleus, where it is required for 60S rRNA processing and nuclear export. Has low intrinsic GTPase activity. GTPase activity is increased by contact with 60S ribosome subunits.[UniProtKB/Swiss-Prot Function]

Locus ID: 79631

MW: 6.4