

Product datasheet for **SC332669**

EFTUD2 (NM_001258354) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	EFTUD2 (NM_001258354) Human Untagged Clone
Tag:	Tag Free
Symbol:	EFTUD2
Synonyms:	MFDGA; MFDM; SNRNP116; Snrp116; Snu114; U5-116KD
Vector:	pCMV6-Entry (PS100001)



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Fully Sequenced ORF: >SC332669 representing NM_001258354.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGGATACCGACTTATATGATGAGTTTGGGAATTATATTGGACCAGAGCTTGATTCTGATGAAGATGAT
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Restriction Sites: Sgfl-Mlul
ACCN: NM_001258354
Insert Size: 2889 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:	<ol style="list-style-type: none">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_001258354.1
RefSeq Size:	4137 bp
RefSeq ORF:	2889 bp
Locus ID:	9343
UniProt ID:	Q15029
Cytogenetics:	17q21.31
Protein Pathways:	Spliceosome
MW:	108.3 kDa
Gene Summary:	<p>This gene encodes a GTPase which is a component of the spliceosome complex which processes precursor mRNAs to produce mature mRNAs. Mutations in this gene are associated with mandibulofacial dysostosis with microcephaly. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Apr 2012]</p> <p>Transcript Variant: This variant (4) uses an alternate in-frame splice site in the 5' coding region compared to variant 1. The resulting protein (isoform c) is shorter compared to isoform a.</p> <p>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.</p>