

## Product datasheet for **SC332668**

### **EFTUD2 (NM\_001258353) Human Untagged Clone**

#### **Product data:**

|               |  |
|---------------|--|
| Product Type: | Expression Plasmids                              |
| Product Name: | EFTUD2 (NM_001258353) 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:** >SC332668 representing NM\_001258353.  
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGGATACCGACTTATATGATGAGTTTGGGAATTATATTGGACCAGAGCTTGATTCTGATGAAGATGAT
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GAGGAGGTGATGGTCTGAGGTGGAGACCATAGTTCAAGAGGAAGACACTCAGCCTCTCACAGAACCC
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AGTGAAGATGTGAGCATCAGCAAATTCGATGATCCTATGTTGCTGGAACCTGCCAACAGGATGTT
GTGCTCAATTACCCATGTGA
  
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**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001258353  
**Insert Size:** 2919 bp

|                               |  |
|-------------------------------|--|
| <b>OTI Disclaimer:</b>        | 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).   |
| <b>Components:</b>            | 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).   |
| <b>Reconstitution Method:</b> | <ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>  |
| <b>RefSeq:</b>                | <a href="#">NM_001258353.1</a>   |
| <b>RefSeq Size:</b>           | 4304 bp  |
| <b>RefSeq ORF:</b>            | 2919 bp  |
| <b>Locus ID:</b>              | 9343   |
| <b>UniProt ID:</b>            | <a href="#">Q15029</a>   |
| <b>Cytogenetics:</b>          | 17q21.31   |
| <b>Protein Pathways:</b>      | Spliceosome  |
| <b>MW:</b>                    | 109.4 kDa  |
| <b>Gene Summary:</b>          | <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 (3) differs in the 5' UTR compared to variant 1. Both variants 1 and 3 encode the same protein. 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> |