

Product datasheet for SC116535

NTF2 (NUTF2) (NM_005796) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: NTF2 (NUTF2) (NM_005796) Human Untagged Clone
Tag: Tag Free
Symbol: NTF2
Synonyms: NTF-2; NTF2; PP15
Mammalian Cell Selection: None
Vector: pCMV6-XL4
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene ORF sequence for NM_005796 edited
 ATGGGAGACAAGCCAATTTGGGAGCAGATTGGATCCAGCTTCAACATTACTACCAG
 TTATTTGATAATGATAGAACCCAACCTAGGCGCAATTTACATTGACGCGTCATGCCTTACG
 TGGGAAGGACAACAGTTCAGGGGAAAGCTGCCATTGTGGAGAAGTTGTCTAGCCTTCCG
 TTCCAGAAAATTCAGCACAGCATCACCGCGCAGGACCATCAGCCCACTCCAGATAGCTGC
 ATCATCAGCATGGTTGTGGGCCAGCTTAAGGCGGATGAAGACCCCATCATGGGGTTCCAC
 CAGATGTTCTATTAAGAACATCAACGATGCTTGGGTTTGCACCAATGACATGTTCCAGG
 CTCGCCCTGCACAACCTTTGGCTGA

5' Read Nucleotide Sequence: >OriGene 5' read for NM_005796 unedited
 NNNCCAGTTCAAAATTTGTATACGACTCATATAGGCGGCCGNAATTCGCACGAGGCCG
 CTGCCGCTGCCGCCATCGTGCCAGCCCCTCGGGTCTCCGTGAGGCCGGGTGACGCTCCAG
 AATGGGAGACAAGCCAATTTGGGAGCAGATTGGATCCAGCTTCAACATTACTACCA
 GTTATTTGATAATGATAGAACCCAACCTAGGCGCAATTTACATTGACGCGTCATGCCTTAC
 GTGGGAAGGACAACAGTTCAGGGGAAAGCTGCCATTGTGGAGAAGTTGTCTAGCCTTCC
 GTTCCAGAAAATTCAGCACAGCATCACCGCGCAGGACCATCAGCCCACTCCAGATAGCTG
 CATCATCAGCATGGTTGTGGGCCAGCTTAAGGCGGATGAAGACCCCATCATGGGGTTCCA
 CCAGATGTTCTATTAAGAACATCAACGATGCTTGGGTTTGCACCAATGACATGTTCCAG
 GCTCGCCCTGCACAACCTTTGGCTGACCTCTCTCAGTAGGCACTCACGCTGTTTCTCC
 TCCTCTCTTCCCAATACTATTCCCACTCTCCAGATGCTCAAATATCATGCACAAT
 GAGCAGGGCCGCGGTGGGAGTGGGCGCAGTGCGCTGCTGCCACTGAGGTGTTGTGCATGA
 TGTTTTGGATGCTAGACTAGTTGCATCTGACGGGAGAAGTTGTGTTGTACCAGCGCATGC
 CTTGAAAGACTTAAGTAATGCAAAAGTTGTCCTTTTTTTTTTTTTTTTTTTTAAATCTA
 CTGACAAGTTGCTCTAGTAACCCAAAGAAGTGAAGGAGAAAGCAGCTGCCTCACCGCCC
 AGACATTGATTTGTTTCAGATGTTCAATGCCTCTGATACAATAAACCCCAAAATTTCTTT
 ACAGA

Restriction Sites: NotI-NotI



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ACCN:	NM_005796
Insert Size:	900 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_005796.1 , NP_005787.1
RefSeq Size:	894 bp
RefSeq ORF:	384 bp
Locus ID:	10204
UniProt ID:	P61970
Cytogenetics:	16q22.1
Domains:	NTF2
Gene Summary:	This gene encodes a cytosolic factor that facilitates protein transport into the nucleus. The encoded protein is required for nuclear import of the small Ras-like GTPase, Ran which is involved in numerous cellular processes. This protein also interacts with the nuclear pore complex glycoprotein p62. [provided by RefSeq, Apr 2016]