

Product datasheet for **SC126701**

TRAPPC6B (NM_177452) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TRAPPC6B (NM_177452) Human Untagged Clone
Tag:	Tag Free
Symbol:	TRAPPC6B
Synonyms:	NEDMEBA; TPC6
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC126701 sequence for NM_177452 edited (data generated by NextGen Sequencing) ATGGCGGATGAGGCGTTGTTTTGCTTCTCCATAACGAGATGGTGTCTGGAGTGTACAAG TCCGCGGAGCAGGGGAGGTGAAAACGGACGATGTATTACTAAGCTGGAAAACATGGGG TTTCGAGTGGGACAAGGATTGATAGAAAGTTTACAAAAGATACTGCAAGTTCAAGGAT GAGTTAGATATCATGAAGTTCATTTGTAAAGATTTTGGACTACGGTATTCAAGAAACAA ATCGACAATCTAAGGACAAATCATCAGTATTTAGCATTTACGTGTGGCTTAATCAGAGGT GGCTTATCAAACCTGGGAATAAAAAGTATTGTAACAGCTGAAGTGTCTTCAATGCCTGCT TGCAAATTCAGGTGATGATACAGAAGCTGTAG

Clone variation with respect to NM_177452.3



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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_177452 unedited CGCTATTTTGTAAACGACTCACTATTAGGGCGGCCGCGNAATTCGCACGATCTCCCGTC AGACTTTCGTTCCGGCCCTAGGATTTGGTAGCCCCGAATGTGGGCTCTCTCCAGTACCAGA CTCATTTCAGTACCAGCCTTTGGGAAGTCGTGTGAATACCTCGGTCTCTTATCCACAGGG ATAGAATGGCGGCCTGACGGAGCCGCGGCCGCGGAAGTCGCTGAGGCGCGAGCTGGAA CCCCCAGACCAGCTCAAACGGGAGCCAAAACCGAAGCTTGAAGAATTAGCAGGAAATG GCGGATGATGCGTTGTTTTGCTTCTCCATAACGAGATGGTGTCTGGAGGTACAAGTCC GCGGAGCAGGGGAGGTGAAAACGGACGATGTATTACTAAGCTGAAAACATGGGGTTT CGAGTGGGACAAGGATTGATAGAAAGGTTTACAAAAGATACTGCAAGGTTCAAGGATGAG TTAGATATCATGAAGTTCATTTGTAAAGATTTTTGGACTACGGTATTCAAGATACAAATC GACAATCTAAGGACAAATCATCAGTATTTATCATTTACGTGTGGCTTAATCAGAGGTGGC TTATCAAACCTTGCGAATAANAAGTATTGTAACAGCTGAAGTGTCTTCAATGCCTGCTTGN CAATTTCAAGTGATGATACAGAAGCTGTAGAACATACTGAAATGCANGGCTTCAACAGTG TAAAGAGATAAATTATTCATGTAAGTATTTCAAGTAGTGATGATTTAATTACATTGGT CGATGTTTGTACAGGAGTAAGCATGTATTTTTATCAATTTACACAGATCAAGGAGATGAA GGGACTTCTGCCATGAATACACTTATCCANACTATTCAAATGAATACCGNATCTCAATA CCAGACACCCAGAGCAGGCCCNATCTTAACCNTTTTATTGGTAGATGATAATGATTAG CCTANATGAAAACAGCTCAGGNTNGCTGATAGCTGAAGAAATCTGTCAC
Restriction Sites:	NotI-NotI
ACCN:	NM_177452
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_177452.1 , NP_803235.1
RefSeq Size:	393 bp
RefSeq ORF:	393 bp
Locus ID:	122553
UniProt ID:	Q86SZ2
Cytogenetics:	14q21.1

Gene Summary:

TRAPPC6B is a component of TRAPP complexes, which are tethering complexes involved in vesicle transport (Kummel et al., 2005 [PubMed 16025134]).[supplied by OMIM, Mar 2008]

Transcript Variant: This variant (2) lacks an alternate in-frame exon in the mid-coding region, compared to variant 1, resulting in a shorter protein (isoform 2), compared to isoform 1.

CCDS Note: This CCDS ID represents the shorter isoform encoded by the TRAPPC6B gene. Although this protein lacks a segment of the predicted TRAPP_Bet3 domain compared to the longer isoform (represented by CCDS41947.1), there are several transcripts supporting this shorter variant, and there is no experimental evidence indicating that this variant does not encode a protein.