

Product datasheet for SC210877

TAXIBP3 (NM_014604) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones

Symbol: TAXIBP3

Synonyms: TIP-1; TIP1

Mammalian Cell Neomycin

Selection:

Vector: pMirTarget (PSI00062)

ACCN: NM_014604

Insert Size: 883 bp

Insert Sequence: >SC210877 3'UTR clone of NM_014604
The sequence shown below is from the reference sequence of NM_014604. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAGCGATCGCC
AAGGCCGTGACGAGTCCATGCTGTCCAGCAGCCACCACCATCTGCGACTCCTGCCTGCCGCTCTCT
GTACAGTAACGCCACTTCCACACTCTGTCCCATCTGGCTTCTGCTGACCGCTGGGCCCCAGCTCAGAA
GGGCTATAGCTGGTCCCAGAGGCTGGCCTGGCCTTCTCCCTTCTCCCATCCCTGGCCTGGGCGCTC
TGGGACCGGCTTTCTCTCTGACACCGAGGATTGGAATAAGGGCCTGGAGCTGAGTAGTAGCCAGTC
TGCTGTGACCACAGGCTCAGGTCCGACCCTGCTGCTTGCCACAGCAGTGGCTGGGCAAGTGGGAACCA
CTATCTCTTGGGAGCCCCAAAAGCTGGGAAATGCTGGAGGAACCAGGCCTTCCCGCTTTTGCCTGGC
TGCAGGGTTCCGCTCCGCCCCGCCCCCAGCCCTCGTGTGTCCACACCGCAGTGCCTTGCCCCCTGG
GGGACTGGACACACATCTGCCAGAGGCGCTACGAAGCTTTGCCCAGATGAAGCCAGGTGGGCTCCGCG
TTCACTCCCCTCTCCCGAGGGGTGCTGGCCTCCCGAGGGTTGCCTTCTTACGATTATAGACGAGGTT
CGAGGCTCACCTATCAGGCGAGCTCTCAGGATTGTCATTTTCTCTTGGCTGTGGGTTAACTTTTGT
AATTTTAAATCACAAGTTTGATACAAAATGTTTTATCGTACTCTTTGGAGATGCCATTCTACTTTT
GAATTTAGCTTTTACTAATTCGCATCTGGAAGCTCAGCAAGTGCACAAGCCTTACTTTTGTTACCGTGG
AAACCACTGCCGCCCTCCCGATGTGGTGCCTCAATAAAAATGTGGAATTCA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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Restriction Sites: SgfI-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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_014604.4</u>
Summary:	This gene encodes a small, highly conserved protein with a single PDZ domain. PDZ (PSD-95/Discs large/ZO-1 homologous) domains promote protein-protein interactions that affect cell signaling, adhesion, protein scaffolding, and receptor and ion transporter functions. The encoded protein interacts with a large number of target proteins that play roles in signaling pathways; for example, it interacts with Rho A and glutaminase L and also acts as a negative regulator of the Wnt/beta-catenin signaling pathway. This protein was first identified as binding to the T-cell leukaemia virus (HTLV1) Tax oncoprotein. Overexpression of this gene has been implicated in altered cancer cell adhesion, migration and metastasis. The encoded protein also modulates the localization and density of inwardly rectifying potassium channel 2.3 (Kir2.3). To date, this protein has been shown to play a role in cell proliferation, development, stress response, and polarization. Alternative splicing results in multiple transcript variants encoding distinct isoforms. [provided by RefSeq, Apr 2017]
Locus ID:	30851
MW:	32.2