Product datasheet for SC207516

GTPBP4 (NM_012341) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	GTPBP4 (NM_012341) Human 3' UTR Clone
Symbol:	GTPBP4
Synonyms:	CRFG; NGB; NOG1
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_012341
Insert Size:	2000 bp

Insert Sequence:

>SC207516 3'UTR clone of NM_012341
The sequence shown below is from the reference sequence of NM_012341. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
AGGAAAGCTGGTAAAAAGGACAGGAGATAGTATCCGTTTGGTTGGCGTGGCTTCGCTAGAGTGTTGCTG
TTTATTTCCTGGTTTGGCACAGTATGGTTTCATGAAATTGGAGCTCTGTATAAACTGAAAAAGACAAAA
TAAGTAAAGCACTTGTTGCTTTGCTGAAAACTATGGTTAACCCTATATAGGTGTGGGAAATTTTTGTCA
CTGCATAATATTACAAATATTTTGAGTAGACAGTGTTTCCACATTTAATGGAGTATCAGTTGCTTCAGA
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CAGAAGAAAGTAGTTTTCATTTACTTAGCTCATGTTTTGGTTTAGTTATAGTCGCTATGGATTTGGCCA
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TACCAGGTCTGGTTTTTGAAATTCTTTCTCCGTATTAAACACCAAAACTTAACATATAGTTTACTTTGT
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GCAGGCGGATCACGAGGTCAGGAGATCGAGACCATCCTGGCTAACACGGTGAAACCCCGTCTCTACTAA
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GGCTGAGACCATACGCATCTTCCGTACTGCTTGTATTAGGATGCAAGATTGAATGTGTCTTTTTTTTAA
AAATGCAGCCTTGTGTTGCACTCTGAAATAAGTGATTTAAAAAGAAAAACATGATACAGAGATCCCATC
CTGACCTTGGAGGCTTGGATAAAGCTGTGGGGAGACAGCCTCATGGTCCAGCCAGGCTAGTCCGCCTG
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG
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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.

RefSeq: NM_012341.3

Summary: GTP-binding proteins are GTPases and function as molecular switches that can flip between two states: active, when GTP is bound, and inactive, when GDP is bound. 'Active' in this context usually means that the molecule acts as a signal to trigger other events in the cell. When an extracellular ligand binds to a G-protein-linked receptor, the receptor changes its conformation and switches on the trimeric G proteins that associate with it by causing them to eject their GDP and replace it with GTP. The switch is turned off when the G protein hydrolyzes its own bound GTP, converting it back to GDP. But before that occurs, the active protein has an opportunity to diffuse away from the receptor and deliver its message for a prolonged period to its downstream target. [provided by RefSeq, Jul 2008]

Locus ID: 23560

MW: 76.4