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Product datasheet for SC205901

BTK (NM_000061) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	BTK (NM_000061) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	BTK
Synonyms:	AGMX1; AT; ATK; BPK; IGHD3; IMD1; PSCTK1; XLA
ACCN:	NM_000061
Insert Size:	465 bp
Insert Sequence:	>SC205901 3'UTR clone of NM_000061 The sequence shown below is from the reference sequence of NM_000061. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC ATTCTAGATGTCATGGATGAAGAATCCTGAGCTCGCCAATAAGCTTCTTGGTTCTACTTCTCTTCTCCA CAAGCCCCAATTTCACTTTCTCAGAGGAAATCCCAAGCTTAGGAGCCCTGGAGCCTTTGTGCTCCCACT CAATACAAAAAGGCCCCTCTCTACATCTGGGAATGCACCTCTTCTTTGATTCCCTGGGATAGTGGCTTC TGAGCAAAGGCCAAGAAATTATTGTGCCTGAAATTTCCCGAGAGAATTAAGACAGACTGAATTTGCGAT GAAAATATTTTTTAGGAGGGAGGATGTAAATAGCCGCACAAAGGGGTCCAACAGCTCTTTGAGTAGGCA TTTGGTAGAGCTTGGGGGTGTGTGTGTGGGGGTGGACCGAATTTGGCAAGAATGAAATGGTGTCATAAA GATGGGAGGGGAGGGTGTTTTGATAAAATAAAATTACTAGAAAGCTTGAAA ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG
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_000061.3

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Summary:	The protein encoded by this gene plays a crucial role in B-cell development. Mutations in this gene cause X-linked agammaglobulinemia type 1, which is an immunodeficiency characterized by the failure to produce mature B lymphocytes, and associated with a failure of Ig heavy chain rearrangement. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Dec 2013]
Locus ID:	695
MW:	17.5