

Product datasheet for RN216630

Itpk1 (NM_001191985) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Itpk1 (NM_001191985) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Itpk1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN216630 representing NM_001191985 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCAGACCTTCCTGAAAGGGAAGAGAGTTGGCTACTGGCTGAGCGAGAAGAAAGTCAAGAAGCTCAATT
TCCAGGCCTTCGCGGAGCTGTGCAGGAAGCGAGGGATCGAGGTCGTGCAGCTGAACCTGAGCCGGCCAAT
TGAGGAGCAGGGCCCCCTGGATGTCATCATCCACAAGCTGACCGATGTCATCCTCGAGGCTGACCAGAAT
GACAGCCAGTCCCTGGAATTGGTGCACAGGTTCCAAGAGTACATCGATGCTCACCCCTGAGACCATCGTCC
TGGACCCCTTCCCGCCATCAGGACCCTGTTAGACCGCTCCAAGTCTACGAGCTCATCCGAAGATCGA
GGCCTATATGAAAGATGACAGGATCTGCTCGCCACCCTTCATGGAGCTCACGAGCCTGTGTGGGATGAC
ACCATGAGGCTGCTGGAGCAGAACGGCCTGGCCTTCCCTTCATTTGCAAAAACAGAGTGGCTCATGGCA
CCAACCTCATGAGATGGCCATTGTGTTAAACCAAGAGGGCTGAGTGCCATCCAACCTCCCTGTGTGGT
CCAGAACTCATCAACCACAATGCTGTGCTGTACAAGGTGTTTGGTGGGCGAGTCTACACAGTGGT
CAGAGACCCTCACTCAAGAACTTCTCCGCGGGCACCTCAGATCGTGAATCCATCTTCTTCAACAGCCACA
ATGTGTCAAAGCCGGAGTCTTCTCAGTCTCACTGAGCTGGACAAGATTGAGGGCGTATTCGAACGGCC
AAGTGACGAGTTATCCGGGAGCTGTCCCGGGCTCTGCGGAGGCGCTGGGAGTGTCACTGTTTGAATC
GACATCATCATTAAACACAGACGGGTCAGCACGAGTCATAGATGTCAATGCCTTCCCAGGCTATGAGG
GAGTGAGTGAGTCTTTACCGACCTCCTGAACCACATTGCCACAGTACTGCAAGGCCAGAGCACAGGAGG
AGCTGCCACAGAGGAAGTGGCCCCACTAAGGCACAACAGGCTCCTGGCAGAACGGCAGGACGCCTGGCT
GGTGAGCGGACGTGCAGTGCCAGCCCTGGCTGCTGCAGCAGCATGAAGGGCCAGGACACACCCTGGAAGA
CTGAGGCCGAAGCGGGCAACATGGGCGCTGGTGGTGGTGGTCCGCCAAGCTGCCGACCCAGAGACTTGG
CTGCACCACCGGCGTGTACCCAGCTTCCAGCAGCACTGTGTGGCCTCTCTGGCCACCAAGGCCTCCTCA
CAGTAG

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_001191985
Insert Size:	1266 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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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:	<u>NM_001191985.1</u> , <u>NP_001178914.1</u>
RefSeq Size:	1635 bp
RefSeq ORF:	1266 bp
Locus ID:	500709
Cytogenetics:	6q32