

Product datasheet for **SC126856**

Protein kinase Y linked (PRKY) (NM_002760) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Protein kinase Y linked (PRKY) (NM_002760) Human Untagged Clone
Tag:	Tag Free
Symbol:	Protein kinase Y linked
Synonyms:	OTTHUMP00000033227; protein kinase, Y-linked
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_002760 edited
GGACCTGAGTGCCTCCCCATGGAGGCCCGGGCCGGCCAGGCGCCGGCGGAGAGC
AACTCCCGAGAGGTGACGGAGGATGCCGCCGACTGGGCGCCGCTCTGCCAGCCCC
GAGGCGCGGTTCGCCGAGGCGCCTGCCTACCGCCTGCAGGATGCGACGCGCTGGTCACC
ATGGGCACTGGGACGTTTCGGGCGGTGACCTGGTGAAGGAGAAGACAGCCAAGCATTTC
TTCGCCCTCAAGGTGATGAGCATTCCCAGCTCATCCGCCGAAGCAGGAGCAGCACGTG
CACAATGAGAAGTCTGTCTGAAGGAAGTCAGCCACCCGTTCTCATCAGGCTGTTCTGG
ACGTGGCATGAGGAGCGTTCTCTACATGCTCATGGAGTATGTGCCGGTGGCGAGCTC
TTCAGCTACCTGCGCAACCGGGGCACTTCTCCAGCACCGGGGCTCTTCTACTCTGCG
GAGATCATCTGTCCATTGAGTACCTGCACTCCAAGGAGATCGTCTACAGGGATTGAAG
CCGGAGAACATCCTGCTGGATAGGGATGGTCACATCAAGCTCACGGACTTTGGGTTTGGC
AAGAAGCTGGTAGACAGGACTTGGACCCTCTGTGGAACCCCGAGTACCTAGCCCCGAA
GTCATTACAGCAAGGGCCACGGAAGGGCCGTTGGACTGGTGGGCCCTCGGCATCCTGATA
TTGAGATGCTTTCGGGTTTCCCTCCATTTTTTGATGACAACCCGTTTGGCATTATCAG
AAAATTCTGCAGGCAAATAATTTCCCAGACATTTGGATTTCCATGTAAAAACGGGG
CGAATGATGTAAACACCATCGGTGGTCCGCTCCGTGGACTGAAAGCTGTTCC

Restriction Sites:	Please inquire
ACCN:	NM_002760
Insert Size:	900 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).



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OTI Annotation:	The ORF of this clone has been fully sequenced and found to be a perfect match to NM_002760.2.
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_002760.2</u> , <u>NP_002751.1</u>
RefSeq Size:	7228 bp
RefSeq ORF:	834 bp
Locus ID:	5616
Cytogenetics:	Yp11.2
Domains:	pkinase, TyrKc, S_TKc
Protein Families:	Druggable Genome, Protein Kinase
Gene Summary:	This gene is similar to the protein kinase, X-linked gene in the pseudoautosomal region of the X chromosome. The gene is classified as a transcribed pseudogene because it has lost a coding exon that results in all transcripts being candidates for nonsense-mediated decay (NMD) and unlikely to express a protein. Abnormal recombination between this gene and a related gene on chromosome X is a frequent cause of XX males and XY females. [provided by RefSeq, Jul 2010]