

Product datasheet for **MR206760**

Pskh1 (NM_173432) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pskh1 (NM_173432) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Pskh1
Synonyms:	AW539964; b2b1230Clo; E130013P03Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>MR206760 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGGCTGTGGACAAGCAAGGTCCTTCTGAGCCACCAAGGATGTCCAGCTGGATCTGGTCAAGAAAG
 TGGAGCCCTTCAGTGGCACTAAGAATGATGTATACAAGCACTTCATCACAGAGGTGGACAGTGTGGCCC
 TCTCAAAGCTGGCTTCCAGCTACTAGTCAGTATGCACCTCCCTGCCCTGGTGTCCCAATACTGGCCAC
 ACAGCGCTCCTTCAGAACCACCACGAAGGGCCAGGGTGGCAAAGTACAGGGCCAAATTTGACCCACGAG
 TGACAGCTAAGTATGATATAAAGGCCCTAATTGGGCGAGGCAGCTTTAGCCGAGTGGTACGTGTGGAGCA
 CCGGGCAACCCGACAGCCATATGCTATCAAGATGATAGAGACCAAGTACCGAGAAGGGCGGGAGGTGTGT
 GAGTCCGAGCTCCGAGTCTGCGCCGGTGCGCCACGCCAACATCATCCAGCTGGTAGAAGTGTGTTGAGA
 CACAGGAGCGTATATATGGTATGGAGCTGGCCACTGGCGGTGAGCTCTTTGACCGGATTATTGCCAA
 GGGTTCTTTCACTGAACGAGATGCCACAAGAGTCTTCAAATGGTACTGGATGGTGTCCGGTATCTTCAT
 GCCCTTGGCATTACACACCGAGACCTCAAGCCTGAGAATCTCCTTTACTACCACCCAGGCACTGACTCCA
 AGATCATCATCACTGACTTTGGCTTGGCCAGTGCCTGGGAAGAAAGGTGACGACTGCCTGATGAAGACCAC
 GTGCGGCACACCTGAGTACATTGCTCCTGAGGTTCTGGTGCGAAAACCTACACCAATCCGTGGATATG
 TGGGCACTGGGTGTCATTGCCTACATCTGCTCAGCGCCACCATGCCCTTTGAGGATGACAACCGCACCC
 GGCTATACCGGCAGATCCTCAGGGGCAAATACAGTTATCTGGGGGAGCCCTGGCCTAGTGTATCTAATCT
 GGCCAAGGACTTCATTGACCGCTGCTGACCGTGGACCCTGGAGCCCGGATGACTGCACTGCAGGCCCTA
 AGACACCCATGGGTAGTAAGCATGGCAGCCTCTCATCCATGAAGAATCTGCACCGATCCATCTCCAGCA
 ATCTCCTCAAGCGGGCTTCTCTCGTTGCCAGAGCACCAGTCTTCCAGTCCACGCGTTCAGCCGCTC
 CACTCGTTCACAAGTACGCCGTGTTCCGGGAGCGCAACTGCCGGAGCTTAACTGCCCTATCAACAG
 CAGTATAACGGC

AG**CGGACCG**ACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR206760 protein sequence
 Red=Cloning site Green=Tags(s)

MCGGTSKVLPEPPKDVQLDLVKKVEPFSGTKNDVYKHFITEVDSVGPLKAGFPATSQYAPPCPGVPNTGH
 TAPPSEPPRRARVAKYRAKFDPRVTAKYDIKALIGRGSFSRVVVEHRATRQPYAIKMIETKYREGREVC
 ESELRVLRVRHANIQLVEVFETQERVYVMELATGGELFDRIIAKGSFTERDATRVLQMVLDGVRYLH
 ALGITHRDLKPENLLYHPGTDSKIIITDFGLASARKKGGDCLMKTTCGTPEYIAPEVLVRKPYTNSVDM
 WALGVIAIYILLSGTMPFEDDNTRLRQILRGKYSYLGEWPWSVSNLAKDFIDRLLTVDPGARMTALQAL
 RHPWVVSMAASSMKNLHRSISQNLKRASSRCQSTKSSQSTRSSRSTRSNKSRVRERELRELNLRYQQ
 QYNG

SGPTRTRPLEQKLI**SEEDLAANDILDYKDDDDK**V

Restriction Sites:

SgfI-RsrII

Cloning Scheme:



ACCN: NM_173432

ORF Size: 1275 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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:**
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: [NM_173432.2](#), [NP_775608.1](#)

RefSeq Size: 3317 bp

RefSeq ORF: 1275 bp

Locus ID: 244631

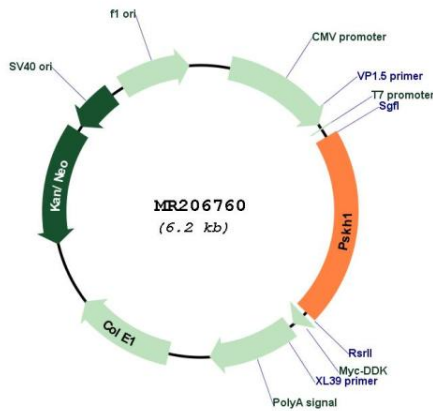
UniProt ID: [Q91YA2](#)

Cytogenetics: 8 D3

MW: 48.1 kDa

Gene Summary: May be a SFC-associated serine kinase (splicing factor compartment-associated serine kinase) with a role in intranuclear SR protein (non-snRNP splicing factors containing a serine/arginine-rich domain) trafficking and pre-mRNA processing.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR206760