

Product datasheet for **RC239709**

SKT (KIAA1217) (NM_001282770) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SKT (KIAA1217) (NM_001282770) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	SKT
Synonyms:	ETL4; SKT
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide
Sequence:**

>RC239709 representing NM_001282770
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCAGAGAGAACTTGTATTGCAAGAGGAGATGGCCCTGGGGCCCTCGCCCCGGATCTACTGCTCATC
 CACCCCATGCGATTCCAAATCCCCACCGTCTACTCCAGTGCCCCATTCCATGCCCCCTCCCGTCCAG
 AATTCCTTATGGGGGCACCCGCTCCATGGTTGTTCTGGCAATGCCACCATCCCCAGGGACAGAATCTCC
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Protein Sequence: >RC239709 representing NM_001282770
Red=Cloning site Green=Tags(s)

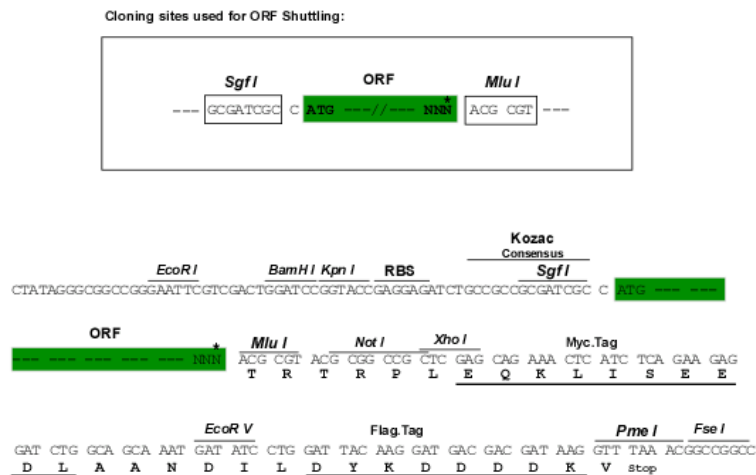
MQREL VYARGDGPAPRGSTAHPHAI PNSSPSTPVPHSMPPSPSRIPYGGTRSMVPGNATIPRDRIS
SLPVSRPISPPSAILERRDVKPDEDMSGKNIAMYRNEGFYADPYLYHEGRMSIASSHGGHPLDVPDHII
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HGPPHTMQPDRASPSRQAFKKEPGTLVYIEKPRSAAGLSSLVDLGPPLMEKQVFAYSTATIPKDRETSEK
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LQNQELLRAMMKKAELEISGKVMETMKRLEDPVQRQVRLVEQERQKYLHEEEKIVKKLCELEDFVEDLKK
DSTAASRLVTLKDVEDGAFLLRQVGEAVATLKGEFPTLQNMRAILRIEVEAVRFLKEEPHKLDSLLKRV
RSMTDVL TMLRRHVT DGLLKGTDAQAQYMAEKATAAEVLKSQEEAAHTSGQPFHSTGAPGDAKSEVV
PLSGMMVRHAQSSPVVIQPSQHSVALLNPAQNLP HVASSPAVPQEATSTLQMSQAPQSPQIPMNGSAMQS
LFIEEIHVSASKNRAVSIEKAEKKWEEKRQNL DHYNGKEFEKLL EEAQANIMKSIPNLEMP PATGPLRG
DAPVDKVEL SEDSPNSEQDLEKLGKSPPPPPPPRRSYLPGSGLTTTRSGDVVYTRGRKENITAKASSED
AGPSPQTRATKYPAEEPASAWTPSPPPVTTSSSKDEEEEEEGDKIMAELQGSSGAPQTSRMPVPM SAKN
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Restriction Sites:

SgfI-MluI

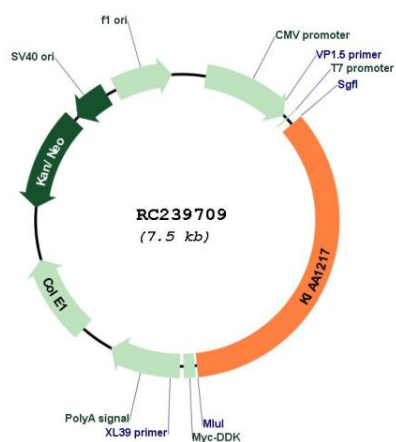
Cloning Scheme:



* The last codon before the Stop codon of the ORF

ACCN:	NM_001282770
ORF Size:	2598 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_001282770.2
RefSeq Size:	3103 bp
RefSeq ORF:	2601 bp
Locus ID:	56243
UniProt ID:	Q5T5P2
Cytogenetics:	10p12.2-p12.1
MW:	95.6 kDa
Gene Summary:	Required for normal development of intervertebral disks.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RC239709