

Product datasheet for **MC221285**

Khsrp (NM_010613) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Khsrp (NM_010613) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Khsrp
Synonyms:	6330409F21Rik; Fbp2; Fubp2; Ksrp
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC221285 representing NM_010613
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTCGGACTACAACACCGGAGGTCCCCGCCCGCCCGCCCTCCCGTGGCGCGGAGGGGAGCCG
 CGGGTGCGGGAGGAGCCCTCCGCCGGGCCCGCGGGCGGGAGACCGGGCGGCGGAGCCCTGGCGG
 CGGCGGCCCGGGTGGAGGAGCGCGTCCGGGGCCCTCACAGCCTCCCGTGGCGCGGCCCTGGGATC
 CGCAAGGACGCCCTTCGCGACGCGGTGCAGCGGGCCCGCAGATTGCAGCCAAAATCGGAGGTGATGCTG
 CTACCACCGTGAATAACAACACTCTGATTTTGGCTTTGGGGCCAAAAGAGACAGCTGGAAGATGGAGA
 CCAGCCAGACAGCAAGAACTGGCTTCCAGGGAGACTCGATTGGTTCTCAACTGGGACCATCCATCCT
 CCCCCAGGACCTCAATGACAGAAGAGTATAGGGTCCGGATGGCATGGTGGCTTGATTATTGGCAGAG
 GTGGTGAAGCAGATAAAACAAAATCCAGCAGGACTCAGGCTGCAAAGTTCAGATCTCACCAGATAGTGGTGG
 CCTCCCTGAGCGCAGCGTGTCTGACTGGAGCACCTGAGTCTGTCCAAAAGGCAAGATGATGCTGGAT
 GACATCGTGTCTCGGGGCGGTGGTGGCCCCCAGGACAGTTTCAGGACAACGCCAATGGGGTCAAGATG
 GCACAGTGCAGGAGATCATGATCCCTGCTGGCAAGGCTGGCTGGTCAATTGGTAAAGGTGGAGAGACCAT
 CAAGCAGCTGCAGGAGCGGGCTGGGGTGAAGATGATTTTAATTCAGGATGGCTCCAGAACAATAATGTG
 GACAAGCCACTGCGGATTATCGGGGACCATACAAAGTACAGCAAGCCTGTGAGATGGTGGATGGACATCC
 TGCGAGAACGTGACCAAGGTGGCTTTGGGGACCGCAATGAATACGGATCTCGAGTTGGTGGAGGCATTGA
 TGTGCCTGATCCAGGCATTGAGTTGGTGTAGTCATTGGCCGGAGTGGAGAGATGATCAAGAAGATCCAG
 AATGATGCCGGTGTGCGCATCCAGTTCAAGCAAGATGATGGGACCGGCCCTGAGAAGATTGCTCACATCA
 TGGGGCCTCCAGATCGGTGTGAACACGACGCCCGGATCATCAATGACCTCCTCCAGAGTCTCGGAGTGG
 GCCCCCGGGTCCAGGGGCCCTGGCATGCCCTGGGGCAGGGGCCGGGGCCGAGGCCAAGGCAAC
 TGGGGCCCTCCTGGAGGGGAGATGACTTTCTCCATTCTACCCATAAGTGTGGGCTGGTCAATTGGCCGAG
 GCGGGGAGAATGTGAAGGCCATTAACCAGCAGACAGGCGCCTTTGTGAAATATCTCGGCAGCTGCCACC
 CAATGGGGACCCCAATTTCAAGTTGTTTGTGATCCGGGGATCGCCCCAGCAGATTGACCATGCAAAGCAG
 CTCATTGAGGAGAAGATAGAGGGTCCCCTGCCCAGTTGGACCAGGCCCTGGGGGACCAGGCCCTGCTG
 GACCCATGGGGCCTTTCAACCCTGGACCCTTCAACCAGGGCCTCCAGGGCACCCCCACATGCTGGTGG
 TCCCCCTCCTCACCAGTACCCGCTCAGGGCTGGGGCAATACCTACCCCAAGTGGCAGCCACCTGCCCT
 CACGACCCAAACAAGCTGCTGCAGCGGTACAGATCCTAATGCTGCCTGGGCTGCCTACTACTCTCACT
 ACTACCAGCAACCCCAAGTCTGTGCCAGGCCCTGCCCAAGCCCTGCAGCCCCACCTGCACAGGGGGA
 ACCCCCCAGCCTCCACCCTGGCCAATCAGACTACACCAAGGCTTGGGAAGAGTATTACAAAAAAT
 GGCCAGCAGCCCCAGCAGCCTGGGGCACCCACAGCAGGACTACACCAAGGCTGGGAGGAGTACTACA
 AGAAGCAAGCACAAGTGGCCACTGGTGGGGTCTGGAGCACCCCTGGCTCCAGCCTGATTACAGTGC
 TGCTGGGCTGAGTATTACAGACAGCAGGCTGCTTACTACGGACAGACCCAGGCCCTGGTGGCCACAG
 CCACCTCCCACCCAGCAGGGACAGCAGGCAAGTGGAACTGCCACCTCCTCCTCCTCTTCTCCT
 TCCAACCCCGGCCACCGTCCATCTGCCTTAGTGGTAGCGCCGAAACCTTTCCCTGCGGGGTGTG
 CCCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_010613
Insert Size: 2247 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).
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:	NM_010613.3 , NP_034743.3
RefSeq Size:	4001 bp
RefSeq ORF:	2247 bp
Locus ID:	16549
UniProt ID:	Q3U0V1
Cytogenetics:	17 29.63 cM
Gene Summary:	Binds to the dendritic targeting element and may play a role in mRNA trafficking. Part of a ternary complex that binds to the downstream control sequence (DCS) of the pre-mRNA. Mediates exon inclusion in transcripts that are subject to tissue-specific alternative splicing. May interact with single-stranded DNA from the far-upstream element (FUSE). May activate gene expression. Also involved in degradation of inherently unstable mRNAs that contain AU-rich elements (AREs) in their 3' UTR, possibly by recruiting degradation machinery to ARE-containing mRNAs (By similarity).[UniProtKB/Swiss-Prot Function]