

Product datasheet for MC206762

Unk (BC054452) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Unk (BC054452) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Unk
Synonyms:	mKIAA1753, Zc3hdc5
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC054452

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GACAGGACCATGTGCGAAGGGCCCCGGGCCCGCGGCTCGGCAGCTTCTCGGCCGCCCGGCCGCTACCG
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GACCTCAGCATCACATGGATCTTTGGGTCTGAACGGGATGAACAGCAGCATCTGGGAGCATTTCCTCT
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 CCTTGGGCTCAGCACGAAAGGGCTTTCAATGAATTACGTGAAAACCTTTCTCTTTTTTACAAAAATGCAA
 AAATCAACAAACTTATTGGAAATAAATATGAACCTTGCAAAAAAAAAAAAAAAAA

Restriction Sites:

RsrII-NotI

ACCN:

BC054452

Insert Size:

2433 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:

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:
[BC054452](#), [AAH54452](#)
RefSeq Size:

3693 bp

RefSeq ORF: 2433 bp

Locus ID: 217331

Cytogenetics: 11 E2

Gene Summary: Sequence-specific RNA-binding protein which plays an important role in the establishment and maintenance of the early morphology of cortical neurons during embryonic development. Acts as a translation repressor and controls a translationally regulated cell morphology program to ensure proper structuring of the nervous system. Translational control depends on recognition of its binding element within target mRNAs which consists of a mandatory UAG trimer upstream of a U/A-rich motif. Associated with polysomes (PubMed:25737280).[UniProtKB/Swiss-Prot Function]