

Product datasheet for **RG218832**

MEX3D (NM_203304) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	TurboGFP
Symbol:	MEX3D
Synonyms:	MEX-3D; MEX3; OK/SW-cl.4; RKHD1; RNF193; TINO
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



ORF Nucleotide Sequence: >RG218832 representing NM_203304
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGC

ATGCCAGCTCGCTCGGCCAGCCGACGGCGCGGGGGCGGGGCGCGCGCGCGCGCTGGGGCGCG
CGGGGGAGGACCCCGGACCGGACCTGCGCCCCCGCCGAGGGCGCCAGGAGGCCGCGCCCGCGCCCGG
GCCGCCGCCGAACCGGACGACGCGGCCCGCCGCGTCCGCTTGGCGCTGGACCAGCTGTGCGCGCTCGGG
CTGGGGGGCGCTGGCGACACGGACGAGGAGGGGGCGGCCGGGACGGCGCAGCGCGCGCGGGGGCGCGG
ACGGCGGGGGCGCTCGGAGCGCTGTGCCCGCCAGCGACTGAGGCGCGCGCCCGCCGACCTGGCCCGC
CGCGTGCGCCCGGGTGCCTGCCGCTGCTGGACCCCAACGCGAGTGCCCCGCGCCGCGCGCGCGCGG
CGCTGCCCCCGACGTGTTGCGGGGCTTGCGCCCCACCCCGCGGCGCTGGGGCCCCGACGCTGCTGG
CCGACCAGATGAGCGTGATCGGCAGCCGAAGAAAAGCGTCAACATGACCGAGTGCGTCCCGTGCCAG
CTCCGAGCACGTGCGCGAGATCGTGGTGCGCCAGGGCTGCAAGATCAAGGCCCTGCGGGCCAAGACAAC
ACCTACATCAAGACCCAGTGCGGGGCGAGGAGCGGCTTTCATCGTGACCGGCCGAAGGAGACGTGG
AGATGGCCAAGCGTGAGATCTGTGCGCGGCCGAACACTTCTCCATCATCCGCGCCACGCGCAGCAAGGC
CGGGGTCTGCCGGCGCGCCACAGGCGCCGCCAACCTTCCCGACAGACACCATCTCAGGTGCGCGTG
GACTACCGGGTGTGGGGCTGGTGTTGGTGGGGCCCAAGGCGCCACCATCAAGCGCATCCAGACGGAGCG
ACACCTACATCGTGACGCCGGGCGCGACAAGGAGCGGCTGTTGCGGCTCACTGGGATGCCCGAGAAGCT
GGACCGCGCGCGGAGGATCGAGGCGCACATCAGCTGCGCACTGCGCGCTTACCAGACGCGGGCCCC
GACAGCGACTTCCACGCCAACGCGACCGACGTCTGCCTGGACCTGCTCGGGGCGCGCCAGCCTCTGG
CCAAGACCCCAACCAAGGACGACGCGCCCCACGGCCACGCGCGGCTTCCGCGGGACACGGCCCTGGG
CGCCCCAGCGCCCCGAGGCCTTCTACGCGGGCAGCCGCGCGGCCCTTCGTGCCGACCCAGGCCCC
CGACGCCCTACACGGGCTCCGCGAACGGGGCTTGCCTTCCGCGCGAGGTCGGGTGCCCGCCGGTGG
GGAGGGCGCGCCGACGACTGCGACTTGCCTTGCAGTTCGAGTCTTCTGGCGTCCGAGCTGACCGTGC
CGCGCGGCCACCATCTGGGCGCTTTTGAGCGCGCGGCCCTTGCCCGCCTTACGCGCTGCTCCAG
GTCAACGAGGCCCGGGACCTCCGCGCGCGGCGCCGGCGCAGCAGTGGGGCCGGAGCCCCCGCCACT
CGCCACGCTGCCGAGCCCGCGGCTCCGCTTGAGCTCCGCTGTCTCGCGTGCGGCCCGGACCC
GGTGGGCGCGCTGTCTGCGACCCCGCAGGCGCCCGTATCCTTCCAGCGCGCGCGGCTTCTCCAG
GCCACTCGCTGCCAGCAGCGCCCGGCGCGGCTCGCCCTTGAGTCCGCGCGCTCCGAGAACA
CGCGCAAGCCCCCTCGGCTCTCGGCCCGGCCCTGGCGCGAGAGTCGTGTGTCGCGCGAGGCGGA
GGTATGGCTGCGTGGTCCCTCGCGGCCAACCTTCTGCAATGGACTGCGCGCTCCGATCTGCGCG
AAGAGCGAGCCGAGTGTCCCGCTGCGCACGCGGGCACCCAGGCCATTATATCTTTTC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >RG218832 representing NM_203304
Red=Cloning site Green=Tags(s)

MPSSLGQPDGGGGGGGGGGVGAAGEDPGPGAPPPEGAQEAAPAPRPPPEPDDAAAAALRLALDQLSALG
LGGAGDTDEEGAAGDAAAAGGADGGAAPVPPDPGEAGAPPTLAPAVAPGSLPLLDPNASPPPPPPPR
PSPDPVFAFAGPHPAALGPPTLLADQMVSIGSRKSSVNMTCEVPVPSSEHVAEIVGRQGCKIKALRAKTN
TYIKTPVRGEEPVFIVTGRKEDVEMAKREILSAAEHFSIIRATRSKAGGLPGAAGQPPNLPQTITQVRV
PYRVVGLVVGPKGATIKRIQQRTHYIVTPGRDKPEPVAVTGMPENVDRAREEIEAHITLRTGAFTDAGP
DSDFHANGTDVCLDLLGAAASLWAKTPNQGRRPPTATAGLRGDTALGAPSAPEAFYAGSRGGSPVPDPGP
ASPYSGSGNGGFAFGAEGPGAPVGTAAPDDCDFGDFDFDLALDTPVAAATIWAPFERAAPLPAFSGCST
VNGAPGPPAAAGARRSSGATTPHSPSTLPEPGGLRLELPLSRGAPDPVGLSWRPPQGPVSFPGGAASFST
ATSLPSSPAAAACALDLSGASENSRKPPSASSAPALARECVVCAEGEVMAALVPCGHNLFCMDCAVRICG
KSEPECPACRTPATQAIHIFS

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_203304

ORF Size: 1953 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:

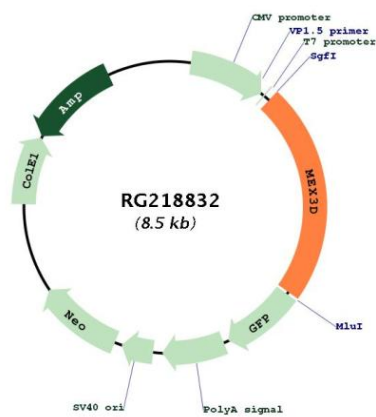
1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store 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_203304.3](#), [NP_976049.3](#)

RefSeq Size:	2863 bp
RefSeq ORF:	1956 bp
Locus ID:	399664
UniProt ID:	<u>Q86XN8</u>
Cytogenetics:	19p13.3
Gene Summary:	RNA binding protein, may be involved in post-transcriptional regulatory mechanisms. [UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RG218832