

## Product datasheet for **MC215833**

### Khdc3 (NM\_025890) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Khdc3 (NM_025890) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Khdc3
Synonyms:	2410004A20Rik; AI467128; FILIA; OEEP48
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Restriction Sites:	Sgfl-Mlul
ACCN:	NM_025890
Insert Size:	1320 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"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
RefSeq:	<a href="#">NM_025890.3</a> , <a href="#">NP_080166.1</a>
RefSeq Size:	1686 bp
RefSeq ORF:	1323 bp



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Locus ID: 66991

UniProt ID: [Q9CWU5](#)

Cytogenetics: 9 D

**Gene Summary:** Required for maintenance of euploidy during cleavage-stage embryogenesis. Ensures proper spindle assembly by regulating the localization of AURKA via RHOA signaling and of PLK1 via a RHOA-independent process. Required for the localization of MAD2L1 to kinetochores to enable spindle assembly checkpoint function. Capable of binding RNA.[UniProtKB/Swiss-Prot Function]  
Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).