

## Product datasheet for MC225023

### Tnrc6a (NM\_144925) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Tnrc6a (NM_144925) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tnrc6a
Synonyms:	2010321I05Rik; 3110054G10Rik; AW557223; CAGH26; D130023A07Rik; GW182; Tnrc6
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC225023 representing NM_144925 Red=Cloning site Blue=ORF Orange=Stop codon

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GCC**CGATCGCC**

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<b>Restriction Sites:</b>	Sgfl-MluI
<b>ACCN:</b>	NM_144925
<b>Insert Size:</b>	5691 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<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>
<b>RefSeq:</b>	<a href="#">NM_144925.3</a> , <a href="#">NP_659174.3</a>
<b>RefSeq Size:</b>	8493 bp
<b>RefSeq ORF:</b>	5691 bp
<b>Locus ID:</b>	233833
<b>UniProt ID:</b>	<a href="#">Q3UHK8</a>
<b>Cytogenetics:</b>	7 F2- F3
<b>Gene Summary:</b>	This gene encodes a member of the trinucleotide repeat containing 6 protein family. The protein is highly similar to a human protein that functions in post-transcriptional gene silencing through the RNA interference (RNAi) and microRNA pathways. The human protein associates with messenger RNAs and argonaute proteins in cytoplasmic bodies known as GW-bodies or P-bodies, and inhibiting its expression delocalizes other GW-body proteins and impairs RNAi and microRNA-induced gene silencing. [provided by RefSeq, Jul 2008]