

## Product datasheet for **MC200494**

### Clip1 (NM\_019765) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Clip1 (NM_019765) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Clip1
Synonyms:	1110007112Rik; 4631429H07Rik; AV017631; C81039; CLIP-170; Clip50; CLIP170; CYLN1; mKIAA4046
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC007191 sequence for NM_019765

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TTCCCTTTCATTTCCCTCGTAAGTTAAAATAATAATAATATTTGGTAGGTGGGCTTGCAAAAAAAAAAAA AAAAA

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**Restriction Sites:**

RsrII-NotI

**ACCN:**

NM\_019765

**Insert Size:**

4176 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).

<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>	<u><a href="#">BC007191</a></u> , <u><a href="#">AAH07191</a></u>
<b>RefSeq Size:</b>	4555 bp
<b>RefSeq ORF:</b>	4176 bp
<b>Locus ID:</b>	56430
<b>UniProt ID:</b>	<u><a href="#">Q922J3</a></u>
<b>Cytogenetics:</b>	5 F
<b>Gene Summary:</b>	<p>Binds to the plus end of microtubules and regulates the dynamics of the microtubule cytoskeleton. Promotes microtubule growth and microtubule bundling. Links cytoplasmic vesicles to microtubules and thereby plays an important role in intracellular vesicle trafficking. Plays a role macropinocytosis and endosome trafficking.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (a). Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>