

Product datasheet for **MC204537**

Mbtps2 (NM_172307) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Mbtps2 (NM_172307) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Mbtps2
Synonyms:	9630032G22Rik; AI662535
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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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: [BC038343](#), [AAH38343](#)

RefSeq Size: 2664 bp

RefSeq ORF: 1548 bp

Locus ID: 270669

UniProt ID: [Q8CHX6](#)

Cytogenetics: X F4

Gene Summary: Involved in regulated intramembrane proteolysis (RIP) that is the cleavage of membrane-spanning regulatory proteins by proteases within the plane of the membrane. It cleaves sterol-regulatory element-binding proteins (SREBPs) within the first transmembrane segment, thereby releasing the N-terminal segment with a portion of the transmembrane segment attached. Mature N-terminal fragments shuttle to the nucleus and activate gene transcription. Involved in RIP-mediated regulation of bone formation.[UniProtKB/Swiss-Prot Function]