OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for MC208470

Ms4a2 (NM_013516) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ms4a2 (NM_013516) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ms4a2
Synonyms:	Fce1b; Fcer1; Fcer1b; fcERI; FcR; FcRB; Fcrbe; Fcrbeta; Ms4a1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Restriction Sites:	SgfI-MluI
ACCN:	NM_013516
Insert Size:	708 bp
OTI Disclaimer:	Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery. 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
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).

View online »

This product is to be used for laboratory only. Not for diagnostic or therapeutic use.
©2024 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US

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:	NM_013516.2, NP_038544.1
RefSeq Size:	2759 bp
RefSeq ORF:	708 bp
Locus ID:	14126
UniProt ID:	P20490
Cytogenetics:	19 8.46 cM
Gene Summary:	This gene encodes a member of the membrane-spanning 4A family. The encoded protein is the beta subunit of the high affinity IgE receptor and is localized to the membrane. The encoded protein is required for full activation of mast cells, including the release of histamine. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2013] Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (a).

This product is to be used for laboratory only. Not for diagnostic or therapeutic use.
©2024 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US