

# Recombinant Mouse Tmem119 Protein (Full Length), C-Fc tagged

**Cat. No.** Tmem119-6826M    **Lot. No.** (See product label)

| SPECIFICATION           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant mouse Tmem119 (full length) fused with the C-Fc tag was expressed in mammalian cells.                                                                                                                                                                                                                                                                                                                                                                |
| <b>Species</b>          | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Source</b>           | Mammalian Cells                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>ProteinLength</b>    | Full Length                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Description</b>      | Involved in several processes, including endochondral ossification; negative regulation of bone resorption; and positive regulation of macromolecule metabolic process. Acts upstream of or within osteoblast differentiation. Located in endoplasmic reticulum and plasma membrane. Is expressed in several structures, including alimentary system; brain; genitourinary system; limb; and skeleton. Orthologous to human TMEM119 (transmembrane protein 119). |
| <b>Form</b>             | Lyophilized powder/frozen liquid                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Molecular Mass</b>   | 53.59 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Purity</b>           | > 90 % as determined by SDS-PAGE                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Notes</b>            | For research use only.                                                                                                                                                                                                                                                                                                                                                                                                                                           |

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|                       |                                                                                                                                                                                         |
|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Storage</b>        | Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the date of receipt. |
| <b>Storage Buffer</b> | Supplied as solution form in PBS, pH 7.5 or lyophilized from PBS, pH 7.5.                                                                                                               |
| <b>Reconstitution</b> | Reconstitute in sterile water for a stock solution.                                                                                                                                     |
| <b>Shipping</b>       | They are shipped out with dry ice/blue ice unless customers require otherwise.                                                                                                          |

## GENE INFORMATION

|                        |                                                                                                  |
|------------------------|--------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | Tmem119 transmembrane protein 119 [ Mus musculus (house mouse) ]                                 |
| <b>Official Symbol</b> | Tmem119                                                                                          |
| <b>Synonyms</b>        | Tmem119; transmembrane protein 119; obif; transmembrane protein 119; osteoblast induction factor |
| <b>Gene ID</b>         | 231633                                                                                           |
| <b>mRNA Refseq</b>     | NM_146162                                                                                        |
| <b>Protein Refseq</b>  | NP_666274                                                                                        |
| <b>UniProt ID</b>      | Q8R138                                                                                           |

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