# Active Recombinant Mouse Sectm1a Protein, Fc Chimera

**Cat. No.** Sectm1a-830M **Lot. No.** (See product label)

## SPECIFICATION

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| **Product Overview** | Recombinant Mouse Sectm1a (Accession # NP_663348), fused with , was produced in Mouse myeloma cell line, NS0-derived. |
| **Species** | Mouse |
| **Source** | Mammalian Cells |
| **Predicted N Terminal** | Gln28 predicted: No results obtained, sequencing might be blocked |
| **Form** | Lyophilized from a 0.2 μm filtered solution in PBS. |
| **Bio-activity** | Measured by its ability to enhance anti-CD3-induced proliferation of mouse CD3+ T cells.The ED50 for this effect is typically 0.25-1.25 μg/mL. |
| **Molecular Mass** | Recombinant Mouse Sectm1a, Fc Chimera has a calculated MW of 42.6 kDa (monomer). In SDS-PAGE migrates as 55-66 kDa, reducing conditions. |
| **Purity** | >95%, by SDS-PAGE under reducing conditions and visualized by silver stain. |
| **Storage** | Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4ºC); After reconstitution under sterile conditions for 3 months (-70ºC). |

## GENE INFORMATION

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| **Gene Name** | Sectm1a secreted and transmembrane 1A [ Mus musculus (house mouse) ] |
| **Official Symbol** | Sectm1a |
| **Synonyms** | BC010462; secreted and transmembrane protein 1A; secreted and transmembrane protein 1A; sectm1a |
| **Gene ID** | 209588 |
| **mRNA Refseq** | NM_145373.2 |
| **Protein Refseq** | NP_663348.2 |
| **MIM** | |
| **UniProt ID** | A2ABP9 |
| **Chromosome Location** | 11; 11 E2 |

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