

Active Recombinant Mouse Vtcn1, Fc Chimera

Cat. No. Vtcn1-410M Lot. No. (See product label)

SPECIFICATION

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|-----------------------------|---|
| Product Overview | Recombinant Mouse Vtcn1 (Accession # AAP37284) was produced in Mouse myeloma cell line, NS0-derived. |
| Species | Mouse |
| Source | Mammalian Cells |
| Predicted N Terminal | Phe29 |
| Form | Lyophilized from a 0.2 µ filtered solution in PBS. |
| Bio-activity | Measured by its ability to inhibit anti-CD3-induced proliferation of stimulated human T cells. Human T lymphocytes cultured for 72 hours with PHA were incubated for an additional 3 days in 96 well plates coated with 500 ng/mL anti-CD3 and Recombinant Mouse B7-H4 Fc Chimera. The ED50 for this effect is typically 0.5 - 3 µg/mL. Optimal dilutions should be determined by each laboratory for each application. |
| Molecular Mass | Recombinant Mouse Vtcn1, Fc Chimera has a calculated MW of 52.4 kDa (monomer). In SDS-PAGE migrates as 75-85 kDa, reducing conditions. |
| Purity | >90%, 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 (4°C); After reconstitution under sterile conditions for 3 months (-70°C). |

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GENE INFORMATION

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|------------------------|--|
| Gene Name | Vtcn1 V-set domain containing T cell activation inhibitor 1 [Mus musculus] |
| Official Symbol | Vtcn1 |
| Synonyms | VTCN1; V-set domain containing T cell activation inhibitor 1; V-set domain containing T-cell activation inhibitor 1; t cell costimulatory molecule B7x; immune costimulatory protein B7-H4; B7x; B7h4; B7s1; BC032925; MGC41287; |
| Gene ID | 242122 |
| mRNA Refseq | NM_178594 |
| Protein Refseq | NP_848709 |
| MIM | |

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