

Product datasheet for **TP727776**

Mouse Recombinant Protein

Product data:

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| Product Type: | Recombinant Proteins |
| Description: | Recombinant Mouse Vascular Cell Adhesion Molecule 1/VCAM-1/CD106 (C-Fc) |
| Species: | Mouse |
| Expression cDNA Clone or AA Sequence: | Phe25-Glu698 |
| Tag: | C-Fc |
| Buffer: | Lyophilized from a 0.2 um filtered solution of PBS, pH 7.4. |
| Note: | Recombinant Mouse Vascular Cell Adhesion Molecule 1 is produced by our Mammalian expression system and the target gene encoding Phe25-Glu698 is expressed with a Fc tag at the C-terminus. |
| Stability: | 12 months from date of despatch |
| Summary: | Vascular cell adhesion molecule 1 (VCAM-1) is a cell surface protein belonging to the immunoglobulin superfamily, the protein is expressed by activated endothelial cells and certain leukocytes (such as macrophages). IL-1 beta, IL-4, TNF-alpha and IFN-gamma induced the expression of VCAM-1. The human and mouse VCAM-1 proteins share approximately 76% amino acid similarity. Mouse VCAM-1 is Important in cell-cell recognition. it appears to function in leukocyte-endothelial cell adhesion, and interacts with integrin alpha-4/beta-1 (ITGA4/ITGB1) on leukocytes, and mediates both adhesion and signal transduction. |



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