# Recombinant Rhesus macaque VSIR Protein

**Cat. No.** VSIR-608R **Lot. No.** (See product label)

## SPECIFICATION

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| **Product Overview** | Recombinant Rhesus macaque VSIR protein without tag was expressed in HEK293. |
| **Species** | Rhesus macaque |
| **Source** | HEK293 |
| **ProteinLength** | 311 |
| **Description** | Enables endopeptidase activator activity; enzyme binding activity; and identical protein binding activity. Involved in several processes, including negative regulation of cytokine production; positive regulation of macromolecule metabolic process; and regulation of T cell activation. Located in plasma membrane. |
| **Form** | Lyophilized |
| **Molecular Mass** | 19.9 kDa |
| **AA Sequence** | MGVPTAPEAGCWRWGSLLFALFLAASLGPVAAFKVATLYSLYVCPEGQNVTLTCRF FGPVDKGHDVTFYKTWYRSSRGEVQTCSERRPIRNLTFQDLHLHHGGHQAANTSH DLAQRHGLESASDHHGNFSITMRNLTLLDSGLYCCLVVEIRHHHSEHRVHGAMELQ VQTGKDAPSSCVAYPSSSQESENITAAALATGACIVGILCLPLILLLVYKQRQAASNR RAQELVRMDSNTQGIENPGFEASSPAQGILEAKVRHPLSYVAQRQPSESGRHLLSE PGTPLSPPGPGDVFFPSLDPVPDSPNFEVI |
| **Purity** | > 98% |

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| **Applications** | WB; ELISA; FACS; FC |
| **Stability** | This bioreagent is stable at 4 centigrade (short-term) and -70 centigrade(long-term). After reconstitution, sample may be stored at 4 centigrade for 2-7 days and below -18 centigrade for future use. |
| **Storage** | At -20 centigrade. |
| **Concentration** | 1 mg/mL |
| **Storage Buffer** | PBS (pH 7.4-7.5). Sterile-filtered colorless solution. |
| **Reconstitution** | Reconstitute in sterile distilled H2O to no less than 100 μg/mL; dilute reconstituted stock further in other aqueous solutions if needed. Please review COA for lot-specific instructions. Final measurements should be determined by the end-user for optimal performance. |

## GENE INFORMATION

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| **Gene Name** | VSIR V-set immunoregulatory receptor [ Macaca mulatta (Rhesus monkey) ] |
| **Official Symbol** | VSIR |
| **Synonyms** | VSIR; V-set immunoregulatory receptor; B7H5; GI24; B7-H5; Dies1; PD-1H; SISP1; VISTA; PP2135; C10orf54; DD1alpha; V-type immunoglobulin domain-containing suppressor of T-cell activation; Death Domain1alpha; PDCD1 homolog; V-domain Ig suppressor of T cell activation; V-set domain-containing immunoregulatory receptor; platelet receptor GI24; sisp-1; stress-induced secreted protein-1 |
| **Gene ID** | 709595 |

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| **mRNA Refseq** | NM_001190878 |
| **Protein Refseq** | NP_001177807 |
| **UniProt ID** | A0A7N9IB00 |

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