

Recombinant Human VSIR Protein, DYKDDDDK-tagged

Cat. No. VSIR-151H **Lot. No.** (See product label)

SPECIFICATION

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|-------------------------|--|
| Product Overview | Recombinant Human V-set immunoregulatory receptor(VSIR)(NM_022153) protein, with a DYKDDDDK tag, was expressed in human cells. |
| Species | Human |
| Source | Human Cells |
| Description | Platelet receptor Gi24, also known as B7-H5 and stress-induced secreted protein-1 (Sisp-1), is a protein that in humans is encoded by the C10orf54 gene, which contains 1 Ig-like (immunoglobulin-like) domain. As for C10orf54 gene, C10orf54 appears to positively interact with BMP-4, potentiating BMP signaling and the transition from an undifferentiated to a differentiated state on ESCs. Human C10orf54 undergoes proteolytic cleavage by MT1-MMP, generating a soluble 30 kDa extracellular fragment plus a 25-30 kDa membrane-bound fragment. |
| Form | Purified protein formulated in a sterile solution of TBS buffer, pH7.4, without any preservatives. |
| Molecular Mass | 33.7 kDa |
| Endotoxin | Endotoxin level is < 0.1 ng/g of protein (<1EU /g) |
| Purity | >90% by SDS-PAGE gel and Coomassie Blue staining |
| Applications | Antigens, Western, ELISA and other in vitro binding or in vivo functional assays, and |

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protein-protein interaction studies.

GENE INFORMATION

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|------------------------|---|
| Gene Name | VSIR V-set immunoregulatory receptor [Homo sapiens (human)] |
| Official Symbol | VSIR |
| Synonyms | B7H5; GI24; B7-H5; Dies1; PD-1H; SISP1; VISTA; PP2135; C10orf54; DD1alpha |
| Gene ID | 64115 |
| mRNA Refseq | NM_022153.2 |
| Protein Refseq | NP_071436.1 |
| MIM | 615608 |
| UniProt ID | Q9H7M9 |

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