

Recombinant Full Length Human VSIR Protein, C-Flag-tagged

Cat. No. VSIR-948HFL Lot. No. (See product label)

SPECIFICATION

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| Product Overview | Recombinant Full Length Human VSIR Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells. |
| Species | Human |
| Source | Mammalian Cells |
| 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 | 25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol. |
| Molecular Mass | 33.7 kDa |
| AA Sequence | <p>MGVPTALEAGSWRWGSLLFALFLAASLGPVAAFVKVATPYSLYVCPEGQNVTLCRL LGPVDKGDVTFYK TWYRSSRGEVQTCSERRPIRNLTFQDLHLHHGGHQAANTSH DLAQRHGLASDHHGNFSITMRNLTLTD SGLYCCLVVEIRHHHSEHRVHGAMELQ VQTGKDAPSNCVVYPSSSQESENITAAALATGACIVGILCLPL ILLLVYKQRQAASNR RAQELVRMDSNIQGIENPGFEASPPAQGIPEAKVRHPLSYVAQRQPSESGRHLLS EPSTPLSPPGDVFPSLDPVDPSPNFEVITRTRPLEQKLISEEDLAANDILDYKDD DDKV</p> |
| Purity | > 80% as determined by SDS-PAGE and Coomassie blue staining. |

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|-------------------------|---|
| Stability | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. |
| Storage | Store at -80 centigrade. |
| Concentration | >50 ug/mL as determined by microplate BCA method. |
| Preparation | Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps. |
| Protein Families | Transmembrane |
| Full Length | Full L. |

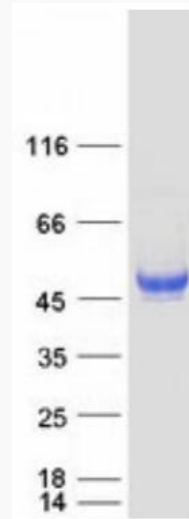
GENE INFORMATION

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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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Coomassie blue staining of purified VSIR protein.

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