

# Recombinant Monkey VISTA Protein, His-tagged, Alexa Fluor 488 conjugated

**Cat. No.** VSIR-303CAF488    **Lot. No.** (See product label)

## SPECIFICATION

|                                     |                                                                                                                                                 |
|-------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b>             | Alexa Fluor 488 conjugated recombinant Cynomolgus B7H5 (XP_005565644.1) (Met1-Ala194) was expressed with a polyhistidine tag at the C-terminus. |
| <b>Species</b>                      | Monkey                                                                                                                                          |
| <b>Source</b>                       | HEK293                                                                                                                                          |
| <b>ProteinLength</b>                | Met1-Ala194, 168                                                                                                                                |
| <b>Form</b>                         | Lyophilized                                                                                                                                     |
| <b>Molecular Mass</b>               | 19 kDa                                                                                                                                          |
| <b>N-terminal Sequence Analysis</b> | Phe 33                                                                                                                                          |
| <b>Endotoxin</b>                    | < 1.0 EU/ µg protein as determined by the LAL method.                                                                                           |
| <b>Purity</b>                       | > 95 % as determined by SDS-PAGE                                                                                                                |
| <b>Characteristic</b>               | Disulfide-linked homodimer<br>Labeled with Alexa Fluor 488 via amines<br>Excitation Wavelength: 488 nm<br>Emission Wavelength: 515-545 nm       |

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|                       |                                                                                                                                                                                                                                                        |
|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Storage</b>        | Samples are stable for up to twelve months from date of receipt at -70 centigrade. Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles. |
| <b>Storage Buffer</b> | Lyophilized from sterile PBS, pH 7.4. Normally 5%-8% trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization.                                                                                                            |
| <b>Reconstitution</b> | It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 µg/µL. Centrifuge the vial at 4 centigrade before opening to recover the entire contents.                                                                 |
| <b>Conjugation</b>    | Alexa Fluor 488                                                                                                                                                                                                                                        |

## GENE INFORMATION

|                        |                                                                                                                                                             |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | VSIR V-set immunoregulatory receptor [ <i>Macaca mulatta</i> (Rhesus monkey) ]                                                                              |
| <b>Official Symbol</b> | VSIR                                                                                                                                                        |
| <b>Synonyms</b>        | Vsir; V-set immunoregulatory receptor; C9orf54; C9H10orf54; V-type immunoglobulin domain-containing suppressor of T-cell activation; platelet receptor Gi24 |
| <b>Gene ID</b>         | 709595                                                                                                                                                      |
| <b>mRNA Refseq</b>     | NM_001190878                                                                                                                                                |
| <b>Protein Refseq</b>  | NP_001177807                                                                                                                                                |
| <b>UniProt ID</b>      | F7F6S6                                                                                                                                                      |

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