

# Recombinant Human VSIG4 protein, His-tagged

**Cat. No.** VSIG4-0817H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                   |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human VSIG4 protein(Arg20-Pro283), fused with His tag, was expressed in HEK293.                                                                                       |
| <b>Species</b>          | Human                                                                                                                                                                             |
| <b>Source</b>           | HEK293                                                                                                                                                                            |
| <b>ProteinLength</b>    | 20-283 a.a.                                                                                                                                                                       |
| <b>Form</b>             | Lyophilized from 0.22 µm filtered solution in PBS, pH7.4 with trehalose as protectant.                                                                                            |
| <b>Molecular Mass</b>   | This protein carries a polyhistidine tag at the C-terminusThe protein has a calculated MW of 30.1 kDa. The protein migrates as 35-47 kDa under reducing (R) condition (SDS-PAGE). |
| <b>Proteinlength</b>    | Arg20-Pro283                                                                                                                                                                      |
| <b>Endotoxin</b>        | Less than 1.0 EU per µg by the LAL method.                                                                                                                                        |
| <b>Purity</b>           | >95% as determined by SDS-PAGE.                                                                                                                                                   |
| <b>Storage</b>          | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.                                                                    |
| <b>Reconstitution</b>   | It is recommended that sterile water be added to the vial to prepare a stock solution of                                                                                          |

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0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

## GENE INFORMATION

|                        |                                                                                                                                                                                                                       |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | VSIG4 V-set and immunoglobulin domain containing 4 [ Homo sapiens ]                                                                                                                                                   |
| <b>Official Symbol</b> | VSIG4                                                                                                                                                                                                                 |
| <b>Synonyms</b>        | VSIG4; V-set and immunoglobulin domain containing 4; V-set and immunoglobulin domain-containing protein 4; Z39IG; protein Z39Ig; Ig superfamily protein; complement receptor of the immunoglobulin superfamily; CRlg; |
| <b>Gene ID</b>         | 11326                                                                                                                                                                                                                 |
| <b>mRNA Refseq</b>     | NM_001100431                                                                                                                                                                                                          |
| <b>Protein Refseq</b>  | NP_001093901                                                                                                                                                                                                          |
| <b>MIM</b>             | 300353                                                                                                                                                                                                                |
| <b>UniProt ID</b>      | Q9Y279                                                                                                                                                                                                                |

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