Active Recombinant Human VSIG2 Protein, His-tagged

Cat. No. VSIG2-3911H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human VSIG2 Protein(Q96IQ7-1)(Met 1-Ala 243) was expressed in HEK293, fused with a polyhistidine tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	1-243 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Bio-activity	Measured by the ability of the immobilized protein to support the adhesion of the HUVEC human umbilical vein endothelial cell line. When 4 x 10E4 cells/well are added to human VSIG2 coated plates (30 μg/ml, 100 μl/well), approximately 25 %-50 % will adhere after one hour at 37 °C.
Molecular Mass	The secreted recombinant human VSIG2 consists of 231 amino acids and has a calculated molecular mass of 24.6 kDa. The apparent molecular mass of rhVSIG2 is approximately 30-35 kDa in SDS-PAGE under reducing conditions due to glycosylation.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE

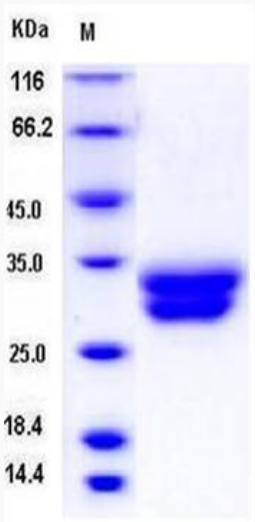
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Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	VSIG2 V-set and immunoglobulin domain containing 2 [Homo sapiens]
Official Symbol	VSIG2
Synonyms	VSIG2; V-set and immunoglobulin domain containing 2; V-set and immunoglobulin domain-containing protein 2; CTH; CTXL; CT-like protein; cortical thymocyte-like protein; cortical thymocyte receptor (X. laevis CTX) like; 2210413P10Rik;
Gene ID	23584
mRNA Refseq	NM_014312
Protein Refseq	NP_055127
MIM	606011
UniProt ID	Q96IQ7

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SDS-PAGE	

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