

## 32-7499: Recombinant Human V-Set and Ig Domain-Containing Protein 2/VSIG2 (C-6His)

**Gene :** VSIG2  
**Gene ID :** 23584  
**Uniprot ID :** Q96IQ7

### Description

Source: Human Cells.  
MW :24.2kD.

Recombinant Human VSIG2 is produced by our Mammalian expression system and the target gene encoding Val24-Ala243 is expressed with a 6His tag at the C-terminus. V-Set and Immunoglobulin Domain-Containing Protein 2 (VSIG2) is presumably a 50-60 kDa single-pass type I transmembrane (glyco)protein which contains one Ig-like C2-type (immunoglobulin-like) domain and one Ig-like V-type (immunoglobulin-like) domain. VSIG2 is highly expressed in the stomach, colon, prostate, trachea and thyroid glands and weakly in bladder and lung. V-set domains are Ig-like domains resembling the antibody variable domain. V-set domains are found in diverse protein families, including immunoglobulin light and heavy chains, in several T-cell receptors such as CD2 (Cluster of Differentiation 2), CD4, CD80, and CD86, in myelin membrane adhesion molecules, in junction adhesion molecules (JAM), in tyrosine-protein kinase receptors, and in the programmed cell death protein 1 (PD1). It shows expression in stomach and prostate by Northern blot, and likely participates in cell adhesion. Human VSIG2 precursor is 327 amino acids in length.

### Product Info

**Amount :** 10 µg / 50 µg  
**Content :** Lyophilized from a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, pH 7.2.  
**Storage condition :** Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.  
**Amino Acid :** VEVKVPTEPLSTPLGKTAELTCTYSTSVGDSFALEWSFVQPGKPISESHPILYFTNGHLYPTGSKSK  
RVSL LQNPPTVG VATLKLTDVHPSDTGTLYLCQVNNPPDFYTNGLG LINLT VLVPPSNPLCSQSGQT  
SVGGSTALRCSSSEGAPKPVYNWVRLGTFPTSPGSMVQDEVSGQLILTNLSTSSGTYRCVATN  
QMGSASCELTLSVTEPSQGRVAVDHHHHHH

### Application Note

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 Åµg/ml. Dissolve the lyophilized protein in ddH<sub>2</sub>O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

**Endotoxin :** Less than 0.1 ng/Åµg (1 IEU/Åµg) as determined by LAL test.