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Datasheet for ABIN7319314 VSIG2 Protein (His tag)

Overview

Quantity:	50 µg
Target:	VSIG2
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This VSIG2 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human VSIG2 Protein (His Tag)
Sequence:	Val24-Ala243
Characteristics:	Recombinant Human V-Set and Immunoglobulin Domain-Containing Protein 2 is produced by our Mammalian expression system and the target gene encoding Val24-Ala243 is expressed with a 6His tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	VSIG2
Alternative Name:	VSIG2 (VSIG2 Products)
Background:	Background: 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

Target Details

(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.

Synonym: V-Set and Immunoglobulin Domain-Containing Protein 2, Cortical Thymocyte-Like Protein, CT-Like Protein, VSIG2, CTH, CTXL

Molecular Weight: 24.2 kDa

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.2.

Storage: 4 °C, -20 °C, -80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.