

Recombinant Human V-Set and Immunoglobulin Domain-Containing Protein 2 Protein

Cat.NO.: TP05419

3th Edition

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

Description: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.

Form:PBS

Molecular Weight:24.2 kDa

Sequences:Val24-Ala243

Purity:> 95% by HPLC

Concentration:

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.