Human VSIG2 Protein, His Tag

Catalog # VS2-H5225

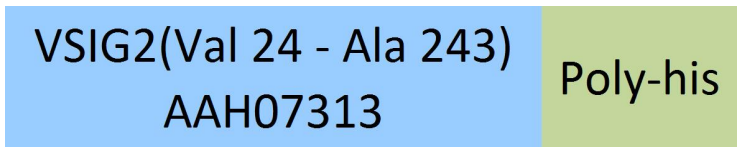
Synonym

VSIG2,CT-like protein,CTH,CTXL

Source

Human VSIG2, His Tag(VS2-H5225) is expressed from human 293 cells (HEK293). It contains AA Val 24 - Ala 243 (Accession # AAH07313). Predicted N-terminus: Val 24

Molecular Characterization



This protein carries a polyhistidine tag at the C-terminus.

The protein has a calculated MW of 24.4 kDa. The protein migrates as 28-34 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.

Endotoxin

Less than 1.0 EU per μg by the LAL method / rFC method.

Purity

>95% as determined by SDS-PAGE.

Formulation

Lyophilized from 0.22 μm filtered solution in PBS, pH7.4 with trehalose as protectant.

Contact us for customized product form or formulation.

Reconstitution

Please see Certificate of Analysis for specific instructions.

For best performance, we strongly recommend you to follow the reconstitution protocol provided in the CoA.

Storage

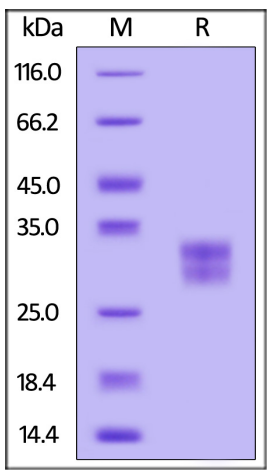
For long term storage, the product should be stored at lyophilized state at -20°C or lower.

Please avoid repeated freeze-thaw cycles.

This product is stable after storage at:

- -20°C to -70°C for 12 months in lyophilized state;
- -70°C for 3 months under sterile conditions after reconstitution.

SDS-PAGE



Human VSIG2, His Tag on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 95%.

Background

V-set and immunoglobulin domain-containing protein 2 (VSIG2) is also known as Cortical thymocyte-like protein, CTH, CTXL, is a single-pass type I membrane protein which contains Ig-like C2-type (immunoglobulin-like) domain and one Ig-like V-type (immunoglobulin-like) domain. V-set domains are Ig-like domains resembling the antibody variable domain. VSIG2 is highly expressed in stomach, colon, prostate, trachea and thyroid glands and weakly in bladder and lung. V-set domains are found in diverse protein families, including immunoglobulin light and heavy chains.

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