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Recombinant Human VSIG8 Protein

Catalog No.: RP02169 Recombinant

Sequence Information

Species	Gene ID	Swiss Prot
Human	391123	Q5VU13

Tags
C-His

Synonyms
VSIG8; C1orf204; VSIG8

Product Information

Source	Purification
HEK293 cells	≥ 95 % as determined by SDS-PAGE.

Calculated MW	Observed MW
27.9 kDa	28-35 kDa

Endotoxin
< 1 EU/μg of the protein by LAL method.

Formulation
Lyophilized from a 0.2 μm filtered solution of 20mM PB, 150mM NaCl, pH 7.4.Contact us for customized product form or formulation.

Reconstitution
Centrifuge the tube before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stablizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Contact

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Background

V-set and immunoglobulin domain-containing protein 8(VSIG8) is a single-pass type I membrane protein.The human VSIG8 cDNA encodes 414 amino acids (aa) including a 21 aa signal sequence, a 242 aa extracellular domain (ECD) containing 2 Ig-like V-type (immunoglobulin-like) domains, a 21 aa transmembrane domain and a 130 aa cytoplasmic domain.The funtion of VSIG8 is not clear.

Basic Information

Description
Recombinant Human VSIG8 Protein is produced by Mammalian expression system. The target protein is expressed with sequence (Val22-Gly263) of human VSIG8 (Accession #Q5VU13) fused with a 6xHis tag at the C- terminus.

Bio-Activity

Shipping
The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

Storage
Store at -20℃.Store the lyophilized protein at -20℃ to -80 ℃ up to 1 year from the date of receipt.
After reconstitution, the protein solution is stable at -20℃ for 3 months, at 2-8℃ for up to 1 week.
Avoid repeated freeze/thaw cycles.

Operational Notes
For your safety and health, please wear a lab coat and disposable gloves for handling.

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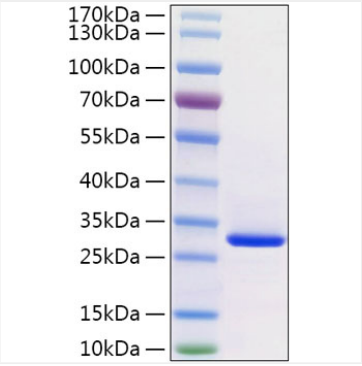
Validation Data



Recombinant Human VSIG8 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.

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