



Recombinant Protein Technical Manual

Recombinant Human VSIG8 Protein (Fc Tag)

RPES2689

Product Data:

Product SKU: RPES2689

Size: 10µg

Species: Human

Expression host: Human Cells

Uniprot: Q5VU13

Protein Information:

Molecular Mass: 54.2 kDa

AP Molecular Mass: 57 kDa

Tag: C-Fc

Bio-activity:

Purity: > 95 % as determined by reducing SDS-PAGE.

Endotoxin: < 1.0 EU per µg as determined by the LAL method.

Storage: 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.

Shipping: This product is provided as lyophilized powder which is shipped with ice packs.

Formulation: Lyophilized from a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, pH 7.4.

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

Application:

Synonyms: V-set and immunoglobulin domain-containing protein 8;VSIG8;C1orf204

Immunogen Information:

Sequence: Val22-Gly263

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 function of VSIG8 is not clear.