



Recombinant Protein Technical Manual

Recombinant Human VSTM1 Protein (His Tag)

RPES2710

Product Data:

Product SKU: RPES2710

Size: 10µg

Species: Human

Expression host: Human Cells

Uniprot: Q6UX27

Protein Information:

Molecular Mass: 14.6 kDa

AP Molecular Mass: 25-35 kDa

Tag: C-6His

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 PBS, pH7.4.

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

Application:

Synonyms: V-set and transmembrane domain-containing protein 1;SIRL;Signal inhibitory receptor on leukocytes;VSTM1

Immunogen Information:

Sequence: Tyr17-Thr135

Background:

V-set and transmembrane domain-containing protein 1 is a single-pass membrane protein. VSTM1 Contains 1 Ig-like V-type domain, in humans is encoded by the VSTM1 gene. It expressed on myeloid (neutrophils, eosinophils and monocytes) but not on lymphoid cells. It behaves as a cytokine, promoting IL17A secretion by CD4+ T-cells, and differentiation and activation of IL17 producing helper T-cells (TH17). Inhibitory immune receptor involved in the regulation of phagocytes.