

**Recombinant Human V-Set and Transmembrane Domain-Containing 1/VSTM1 Protein(C-6His)**

**Cat.NO.: TP05413**

3th Edition

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

**Description:**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.

**Form:**PBS

**Molecular Weight:**14.6 kDa

**Sequences:**Tyr17-Thr135

**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.