Product Name: Recombinant Human VSTM1 (C-6His)
Catalog #: PHH1823

Summary

Name	V-set and transmembrane domain-containing protein 1/VSTM1
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	Recombinant Human V-set And Transmembrane Domain-Containing Protein 1 is produced by our Mammalian expression system and the target gene encoding Tyr17-Thr135 is expressed with a 6His tag at the C-terminus.
Accession #	Q6UX27
Host	Human Cells
Species	Human
Predicted Molecular Mass	14.6 KDa
Formulation	Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Lyophilized protein should be stored at ≤ -20°C, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at ≤ -20°C for 3 months.
Reconstitution	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

SDS-PAGE image

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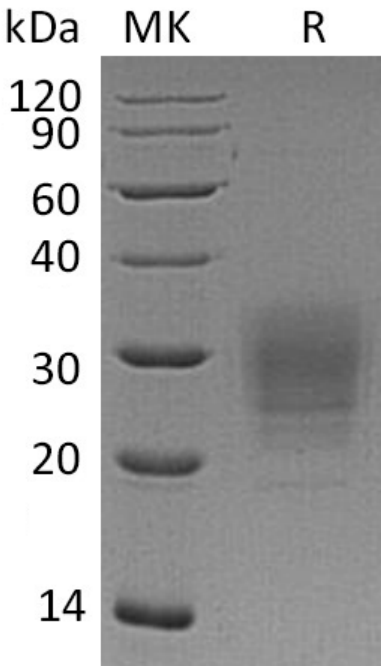

Alternative Names

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

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.

Note

For Research Use Only , Not for Diagnostic Use.