

Product Sheet



Human VISTA Protein; His Tag

GM-88874RP-100 / 100 µg

GM-88874RP-1000 / 1 mg

Product Information

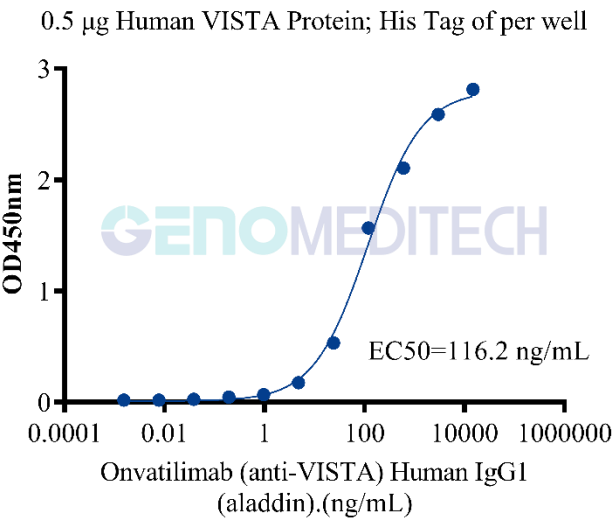
Product Name	Human VISTA Protein; His Tag
Source	Human VISTA Protein; His Tag (GM-88874RP) is expressed from human 293 cells (HEK-293). It contains AA Phe 33 - Ala 194 (Accession # AAH20568.1). This protein carries a His tag at the C-terminus.
Predicted MW	19.0 kDa
Purity	> 90% as determined by SDS-PAGE
Endotoxin	< 1 EU/µg, determined by LAL gel clotting assay
Formulation	Liquid; Supplied as a 0.2 µm filtered solution of PBS, pH 7.2–7.4.
Storage	Store at ≤ -70°C, stable for 6 months after receipt. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Shipping	Shipped on dry ice.
Synonyms	B7-H5, SISP1, Gi24
Background	V-domain immunoglobulin suppressor of T cell activation (VISTA) is a member of the B7 family of immune checkpoint proteins (VSIR), which signals through association with LRIG1. VISTA functions as a ligand for LRIG1 on intestinal stem cells and is predominantly expressed in white blood cells. These proteins are significantly upregulated in inflamed intestinal tissues, and their pathogenetic importance for inflammatory bowel disease (IBD) is suggested by accumulating evidence. VISTA/LRIG1 signaling induces inhibitory signals to intestinal stem cells, including the suppression of ErbB2-mTOR-4EBP1 and PPARα pathways, affecting fatty acid oxidation and inducing the mucosal impairment of epithelial regeneration.

Version 4.0.26.929

Data

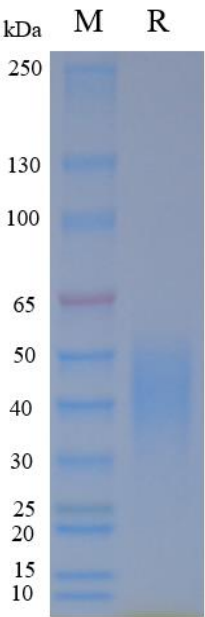
Affinity

Bioactivity-ELISA



Human VISTA Protein; His Tag (Catalog # GM-88874RP) was immobilized at 5 µg/ml (100 µL/well). Increasing concentrations of Onvatilimab (anti-VISTA) Human IgG1 (aladdin) (Catalog # Ab170685) were added.

Purity



On SDS-PAGE under reducing (R) condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 90%.

Related Products

VISTA

[H_VISTA\(B7-H5\) CHO-K1 Cell Line](#)