

VISTA/B7-H5 Protein, Rhesus Macaque (HEK293, Fc)

Cat. No.:	HY-P73545
Synonyms:	Platelet receptor Gi24; Stress-induced secreted protein-1; Sisp-1; C10orf54; SISP1
Species:	Rhesus Macaque
Source:	HEK293
Accession:	F7F6S6 (M1-A194)
Gene ID:	709595
Molecular Weight:	Approximately 44.9 kDa

PROPERTIES

Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH ₂ O.
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

DESCRIPTION

Background	<p>VISTA/B7-H5 Protein is an immune regulatory receptor that can regulate immune responses as a ligand and receptor. VISTA/B7-H5 Protein is a type I transmembrane protein that is an immune regulatory protein that detects tumors and immune cells in tumor immunotherapy^[1].</p> <p>VISTA/B7-H5 Protein inhibits T cell activation, induces Foxp3 expression, and is highly expressed in the tumor microenvironment. Blocking the expression of VISTA/B7-H5 Protein can enhance the anti-tumor immune response in mice^[2].</p>
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Caution: Product has not been fully validated for medical applications. For research use only.

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