

VSIG1 Protein, Human (HEK293, His)

Cat. No.:	HY-P71675
Synonyms:	Cell surface A33 antigen; ChT1 thymocyte antigen; Glycoprotein A34; GPA34; MGC44287; OTTHUMP00000023820
Species:	Human
Source:	HEK293
Accession:	Q86XK7 (22V-232E)
Gene ID:	340547
Molecular Weight:	Approximately 26.4 kDa

PROPERTIES

AA Sequence	VQVTIPDGFV NVTVGSNVTL ICIYTTTVAS REQLSIQWSF FHKKEMEPI S IYFSQGGQAV AIGQFKDRIT GSNDPGNASI TISHMQPADS GIYICDVNNP PDFLGQNQGI LNVSVLVKPS KPLCSVQGRP ETGHTISLSC LSALGTPSPV YYWHKLEGRD IVPVKENFNP TTGILVIGNL TNFEQGYQC TAINRLGNSS CEIDLTSSHP E
Appearance	Lyophilized powder.
Formulation	Lyophilized after extensive dialysis against solution in Tris-based buffer, 50% glycerol.
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	VSIG1 is a member of the adhesion molecule (JAM) family and is expressed in the normal stomach and testicles, as well as in cancers of the stomach, esophagus, and ovary. VSIG1 mediates activation of Wnt/β-catenin signaling pathway as a new target for epithelial-mesenchymal transformation in gastric cancer. VSIG1 has a tumor suppressor function, reducing the proliferation and migration ability of tumor cells ^{[1][2][3][4][5]} .
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Caution: Product has not been fully validated for medical applications. For research use only.

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