

VSIG4 Protein, Human (264a.a, HEK293, His)

Cat. No.:	HY-P71424
Synonyms:	V-Set and Immunoglobulin Domain-Containing Protein 4; Protein Z39Ig; VSIG4; CR1g; Z39IG
Species:	Human
Source:	HEK293
Accession:	Q9Y279 (R20-P283)
Gene ID:	11326
Molecular Weight:	Approximately 50.0 kDa

PROPERTIES

AA Sequence	<pre> R P I L E V P E S V T G P W K G D V N L P C T Y D P L Q G Y T Q V L V K W L V Q R G S D P V T I F L R D S S G D H I Q Q A K Y Q G R L H V S H K V P G D V S L Q L S T L E M D D R S H Y T C E V T W Q T P D G N Q V V R D K I T E L R V Q K L S V S K P T V T T G S G Y G F T V P Q G M R I S L Q C Q A R G S P P I S Y I W Y K Q Q T N N Q E P I K V A T L S T L L F K P A V I A D S G S Y F C T A K G Q V G S E Q H S D I V K F V V K D S S K L L K T K T E A P T T M T Y P L K A T S T V K Q S W D W T T D M D G Y L G E T S A G P G K S L P </pre>
Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.2.
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. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).
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	VSIG4 Protein serves as a phagocytic receptor and functions as a robust negative regulator of T-cell proliferation and IL2 production. Additionally, it acts as a potent inhibitor of the alternative complement pathway convertases.
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Caution: Product has not been fully validated for medical applications. For research use only.

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